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Role: Senior Java Full Stack Developer
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Professional Summary

- Senior **Java Full Stack Developer** with **11+years** of experience in designing, developing, and supporting enterprise applications across **banking, healthcare, telecommunications, retail, and technology** domains using Java and modern full-stack technologies.
- Strong expertise in **Java, Core Java, Java EE, Spring Framework, Spring Boot, OOP, JPA, Hibernate, JDBC, RESTful APIs, SOAP, Web Services, JSON, and XML** for scalable enterprise application development.
- Experienced in building responsive full-stack applications using **Angular, TypeScript, HTML5, CSS3, JavaScript, Bootstrap, JSP, Servlets, and AJAX**, delivering data-driven interfaces and business workflows.
- Proven experience designing **microservices and event-driven architectures** using **Spring Boot, REST APIs, Apache Kafka, Docker, and Kubernetes**, supporting scalable, distributed, and high-volume enterprise workloads.
- Strong cloud and data-platform experience across **AWS, Microsoft Azure, Snowflake, PostgreSQL, Oracle, SQL, S3, EC2, RDS, Lambda, CloudWatch, IAM, API Gateway, and AWS Bedrock**, supporting secure applications, analytics, and enterprise data processing.
- Experienced in **healthcare application development and interoperability**, working with **HL7, FHIR, Healthcare APIs, clinical data, patient data exchange, and healthcare analytics** to support healthcare enterprise systems.
- Hands-on **AI/ML** experience using **Python, Scikit-learn, PyTorch, machine learning, NLP, predictive analytics, and data analytics** for fraud detection, risk analysis, customer behavior analytics, and intelligent business operations.
- Strong **Generative AI and LLM** experience with **LangChain, AWS Bedrock, LLM APIs, prompt engineering, embeddings, Vector Databases, and RAG workflows**, implementing intelligent automation, contextual data retrieval, and enterprise AI solutions.
- Experienced across the complete **SDLC and Agile/Scrum** lifecycle, including requirements analysis, technical design, development, testing, debugging, code reviews, CI/CD, Jenkins, Maven, Git, production support, deployment, and cross-functional collaboration.

Technical Skills

Programming	Java, Core Java, OOP, Python, TypeScript, JavaScript
Java & Frameworks	Java EE, Spring Framework, Spring Boot, JPA, Hibernate
Frontend	Angular, HTML5, CSS3, Bootstrap, JSP, Servlets, AJAX
APIs & Integration	REST, RESTful APIs, SOAP, Web Services, JSON, XML
Architecture	Microservices, Event-Driven Architecture
Messaging	Apache Kafka
Databases	PostgreSQL, Oracle, SQL, JDBC, Stored Procedures
Data Platforms	Snowflake, Data Processing, Data Analytics
Cloud	AWS, Microsoft Azure, S3, EC2, RDS, Lambda, CloudWatch, IAM, API Gateway, AWS Bedrock
AI/ML	AI/ML, Scikit-learn, PyTorch, Machine Learning, NLP, Predictive Analytics
Generative AI	GenAI, LLMs, RAG, LangChain, Prompt Engineering, Embeddings, Vector Databases
DevOps & Containers	Git, Maven, Jenkins, Docker, Kubernetes, CI/CD
Testing	JUnit, Mockito, Unit Testing, Integration Testing, Debugging
Healthcare	HL7, FHIR, Healthcare APIs, Clinical Data
Methodologies	SDLC, Agile, Scrum, Code Reviews, Production Support

Educational Details

- Bachelor' s in computer science at VIT University Aug 2011 to May 2015

Certifications

- AWS Certified Solutions Architect Associate.
- Microsoft Certified: Azure Solutions Architect Expert.

Work Experience

Client: Bank Of America, Charlotte, NC

Sep 2025 – Till Now

Role: Senior Java Full Stack Developer

Responsibilities:

- Led the design and development of enterprise banking applications using **Java, Core Java, Spring Framework, Spring Boot, and Object-Oriented Programming (OOP)** to support **customer, account, payment, and transaction processing workflows**, including **financial data processing**.
- Designed and implemented scalable **microservices** using **Spring Boot, RESTful APIs, Java, JSON, and XML**, enabling secure integration across **banking, customer, payment, and transaction systems**, supporting **real-time data exchange**.
- Developed responsive full-stack applications using **Angular, TypeScript, HTML5, CSS3, JavaScript, and Bootstrap**, delivering data-driven interfaces for **customer service, account management, and banking operations**, including **customer data visualization**.
- Implemented database persistence and transaction processing using **JPA, Hibernate, JDBC, SQL, and PostgreSQL**, supporting **customer, account, financial, and transactional data** with validation and reconciliation, ensuring **data integrity controls**.
- Integrated **Snowflake** with enterprise banking applications for centralized data analytics and reporting, supporting **customer, transaction, account, risk, and operational data** processing for **business data insights**.
- Built and supported cloud-native Java applications on **AWS** using **S3, EC2, RDS, Lambda, CloudWatch, IAM, API Gateway, and AWS Bedrock**, supporting secure application hosting, data storage, monitoring, API management, and **GenAI data workloads**.
- Implemented event-driven integrations using **Apache Kafka**, enabling real-time streaming and processing of **customer, payment, transaction, and operational data** across distributed banking services for **high-volume data processing**.
- Developed **AI/ML solutions** using **Python, Scikit-learn, PyTorch, machine learning models, and data analytics** to support **fraud detection, risk analysis, customer behavior analytics, and intelligent banking operations**, leveraging **financial data patterns**.
- Integrated **GenAI and LLM capabilities** using **LangChain, AWS Bedrock, LLM APIs, prompt engineering, embeddings, and retrieval-based workflows**, supporting intelligent customer assistance and operational automation with **contextual banking data**.
- Implemented **AI/ML and GenAI data pipelines** integrating application and Snowflake data with **Vector Databases and RAG workflows** to support model development, analytics, intelligent automation, and business decision support using **enterprise data sources**.
- Applied **GenAI-powered intelligent automation** using **LLMs, natural language processing, LangChain, contextual data retrieval, and embeddings** to improve banking workflow efficiency and user experiences through **natural language data analysis**.
- Deployed and managed containerized microservices using **Docker and Kubernetes**, supporting scalable application environments, service orchestration, application availability, and production workloads with **distributed data services**.
- Implemented automated testing using **JUnit and Mockito**, while using **Git, Maven, Jenkins, and CI/CD pipelines** for source control, automated builds, continuous integration, deployment, debugging, defect resolution, code reviews, and reliable production releases following **Agile/Scrum SDLC practices**.

Client: GE Healthcare, Chicago, IL

April 2022 – Aug 2025

Role: Java Full Stack Developer

Responsibilities:

- Designed and developed enterprise healthcare applications using **Java, Core Java, Spring Framework, Spring Boot, and Object-Oriented Programming (OOP)** to support **clinical, patient, provider, and healthcare operational workflows**, including **healthcare data processing**.
- Developed scalable backend services and **RESTful APIs** using **Spring Boot, Java, JSON, XML, and Web Services**, enabling secure integration between healthcare applications and enterprise systems for **patient data exchange**.
- Designed and implemented **microservices-based applications** using **Spring Boot and REST APIs**, supporting modular architecture, scalability, maintainability, and reliable healthcare data processing for **clinical data services**.
- Developed responsive front-end applications using **Angular, TypeScript, HTML5, CSS3, JavaScript, and Bootstrap**, creating data-driven interfaces for healthcare users and operational workflows with **patient data visualization**.

- Implemented database access and persistence using **JPA, Hibernate, JDBC, SQL, and PostgreSQL**, supporting patient, clinical, provider, and transactional data with **data validation and reconciliation**.
- Integrated enterprise healthcare data with **Snowflake** for centralized analytics and reporting, supporting SQL-based processing of patient, clinical, operational, and business data for **healthcare data analytics**.
- Built and supported cloud-based Java applications on **AWS** using **S3, EC2, RDS, Lambda, CloudWatch, IAM, and API Gateway** for application hosting, storage, monitoring, secure access, and API management, supporting **enterprise data workloads**.
- Implemented event-driven application integrations using **Apache Kafka**, enabling reliable streaming and processing of healthcare, patient, clinical, and operational data across distributed services for **real-time data pipelines**.
- Applied healthcare data standards and integration practices using **HL7, FHIR, Healthcare APIs, REST, JSON, and XML** to support interoperability between healthcare applications and clinical systems for **structured clinical data exchange**.
- Implemented automated testing using **JUnit, Mockito, and integration testing**, performing debugging, defect resolution, code reviews, and performance troubleshooting to maintain application quality and reliability across **data-driven applications**.
- Used **Git, Maven, Jenkins, Docker, and CI/CD pipelines** to manage source code, automate builds and deployments, and support reliable application releases across development, test, and production environments with **automated data deployments**.
- Participated in the complete **Software Development Life Cycle (SDLC)** using **Agile/Scrum methodologies**, including requirements analysis, technical design, development, testing, deployment, production support, documentation, and collaboration with cross-functional healthcare teams supporting **clinical data initiatives**.

Client: T-Mobile, Bellevue, WA

Dec 2020 – March 2022

Role: Senior Java Developer

Responsibilities:

- Led the design and development of enterprise telecom applications using **Java, Core Java, Java EE, Spring Framework, Spring Boot, and Object-Oriented Programming (OOP)** to support **customer, account, service, and operational workflows**, including **real-time data processing**.
- Developed scalable backend services and **RESTful APIs** using **Spring Boot, Java, JSON, XML, and Web Services**, enabling integration across **customer, billing, network, and service-management systems**, with **secure data exchange**.
- Designed and implemented **microservices** using **Spring Boot and REST APIs**, decomposing enterprise applications into modular services to improve **scalability, maintainability, and application performance**, supporting **high-volume transactions**.
- Implemented database access and transaction processing using **JDBC, Hibernate, JPA, SQL, and Oracle**, supporting **customer, account, billing, service, and transactional data**, with **data validation and integrity**.
- Integrated Java applications with **Snowflake** for enterprise data access and analytics, supporting **customer, service, usage, and operational data processing** and SQL-based data analysis for **reporting and business insights**.
- Developed web application components using **JSP, Servlets, HTML, CSS, JavaScript, and AJAX**, integrating frontend functionality with Java-based backend services for **data-driven telecom applications**, including **customer self-service workflows**.
- Supported Java applications and microservices on **Microsoft Azure**, performing **cloud application configuration, deployment support, monitoring, troubleshooting, and environment management**, including **application availability and performance**.
- Implemented enterprise integration using **REST, SOAP, JSON, XML, and Web Services**, enabling reliable exchange of **customer, account, service, billing, and operational data**, supporting **system interoperability requirements**.
- Performed **unit and integration testing** using **JUnit and Mockito**, while conducting **debugging, defect resolution, code reviews, and performance troubleshooting** across application components, ensuring **application quality and reliability**.
- Used **Git, Maven, Jenkins, and CI/CD practices** to manage source code, automate builds, support continuous integration, and streamline **application deployment and production support** within **Agile/Scrum SDLC** environments, ensuring **release quality and stability**.

Client: Macy's, New York, NY

Oct 2018 – Nov 2020

Role: Java Developer

Responsibilities:

- Developed and maintained enterprise retail applications using **Java, Core Java, Java EE, JSP, Servlets, JDBC, and XML** to support **customer, product, order, and transaction data processing**, including **retail business workflows**.
- Designed reusable application components using **Object-Oriented Programming (OOP), Collections, Multithreading, Exception Handling, and Design Patterns** to support **scalable, reliable, and maintainable applications**.
- Developed data-driven web modules using **JSP, Servlets, HTML, CSS, JavaScript, and AJAX**, supporting customer-facing and internal **product, order, and transaction workflows**, including **user interface integration**.
- Implemented database integration using **JDBC, SQL, Oracle Database, and Stored Procedures** for **customer data management, product information, order processing, and transaction validation**, supporting **data integrity requirements**.
- Used **Spring Framework and Hibernate** to develop modular Java components, implement dependency injection, and support **object-relational mapping and enterprise database persistence**, improving **application maintainability and reusability**.
- Developed and integrated **RESTful and SOAP Web Services** to exchange **customer, product, inventory, and order data** between Java applications and enterprise systems, supporting **system integration requirements**.
- Supported Java application environments on **Microsoft Azure**, assisting with **cloud application configuration, deployment support, environment monitoring, and production troubleshooting**, including **application performance monitoring**.
- Performed **JUnit testing, debugging, defect resolution, code reviews, and application troubleshooting** using **Eclipse and SVN**, resolving application, data, and integration issues across development and test environments, including **quality assurance activities**.
- Participated in the complete **Software Development Life Cycle (SDLC)** using **Agile methodologies**, including requirements analysis, development, testing, deployment support, documentation, production troubleshooting, and collaboration with business teams, ensuring **timely application delivery**.

Client: Hexaware Technologies, India

July 2015 – June 2018

Role: Jr. Java Developer

Responsibilities:

- Developed enterprise applications using **Java, Core Java, Java EE, JSP, Servlets, and JDBC** for business workflows and data processing.
- Built reusable components using **OOP, Collections, Multithreading, Exception Handling, and Design Patterns** to improve performance and maintainability.
- Developed web interfaces using **JSP, Servlets, HTML, CSS, JavaScript, and AJAX**, integrating frontend and backend functionality.
- Implemented database access using **JDBC, SQL, Oracle, and Stored Procedures** for data validation and transaction processing.
- Used **Spring Framework and Dependency Injection** to build modular and maintainable enterprise applications.
- Implemented **Hibernate, ORM, and database persistence** for efficient data access and entity management.
- Performed **JUnit testing, debugging, and defect resolution** using Eclipse to improve application quality and reliability.
- Supported the **SDLC**, including requirements analysis, development, code reviews, testing, documentation, and deployment.
- Followed **Agile methodologies** and resolved production issues to maintain application stability and operational efficiency.