

Abhiram Reddy Sripathi

sripathiabhiram29@gmail.com | (929) 565-2697 | github.com/sripathiabhiram29-droid | linkedin.com/in/abhiram-reddy-s-357829254

PROFESSIONAL SUMMARY

AWS Cloud and Full-Stack Software Engineer with 5+ years of experience designing, developing, integrating, deploying, and supporting enterprise applications across telecommunications, healthcare, and data-platform environments. Experienced in building cloud-native and hybrid solutions using AWS, React.js, TypeScript, Node.js, Python, .NET, REST APIs, microservices, event-driven integrations, and relational and NoSQL databases. Delivered secure authentication platforms, commercial scheduling and monitoring systems, marketing-content workflows, HIPAA-aligned healthcare applications, and global developer portals. Strong background in serverless architecture, CI/CD, application security, observability, production support, reusable component development, technical documentation, and cross-functional Agile delivery.

EDUCATION

Jawaharlal Nehru Technological University, Hyderabad

Bachelors, Computer Science

New England College

Masters, Computer Science

SKILLS

Cloud Platforms: Amazon Web Services, AWS Lambda, Amazon API Gateway, Amazon S3, Amazon CloudFront, Amazon EC2, Amazon EventBridge, Amazon Route 53, AWS Secrets Manager, Amazon VPC, Elastic Load Balancing, Auto Scaling, AWS CloudFormation, AWS CDK, Serverless Computing, Cloud-Native Applications, Hybrid Cloud

Programming Languages: Python, JavaScript, TypeScript, C#, SQL, Bash/Shell Scripting

Databases & Messaging: Amazon RDS, Amazon DynamoDB, Oracle, MongoDB, Relational Databases, NoSQL, Data Modeling, Query Optimization, Amazon SNS, Amazon SQS, Kafka, RabbitMQ

Frontend Development: React.js, Angular, HTML5, CSS3, Single-Page Applications, Responsive Web Design, Reusable Components, Component Libraries, Design Systems, Internationalization, Localization, Cross-Browser Development

DevOps, Delivery & Tools: Git, GitHub, Bitbucket, Jenkins, CI/CD Pipelines, Infrastructure as Code, Automated Deployments, Release Management, Multi-Environment Deployment, Microsoft Excel, Jira, Confluence

Backend & Application Architecture: Node.js, .NET, REST APIs, Microservices, Serverless Architecture, Event-Driven Architecture, Distributed Systems, Asynchronous Processing, File Processing, Third-Party APIs, Enterprise Integrations

Monitoring, Testing & Operations: Amazon CloudWatch, Splunk, Dynatrace, Postman, SoapUI, Unit Testing, Integration Testing, API Testing, System Testing, Performance Testing, Application Monitoring, Logging, Alerting, Incident Troubleshooting, Root-Cause Analysis, Production Support

WORK EXPERIENCE

AWS Cloud Solutions Developer

Feb 2026 - Present

Charter Communications

Led full-stack and cloud development initiatives supporting Spectrum Reach, modernizing customer-facing applications and internal business workflows through AWS services, React.js, TypeScript, .NET, APIs, and hybrid-cloud architecture.

- Architected and developed enterprise applications across AWS and on-premises environments, translating complex business requirements into secure, scalable, and maintainable technical solutions.
- Designed and implemented a centralized Single Sign-On platform using Amazon Cognito, OAuth 2.0, OpenID Connect, Okta, and ForgeRock, enabling secure authentication across multiple customer-facing websites and supporting account migration from legacy identity systems.

- Provisioned and deployed application infrastructure using AWS CloudFormation, AWS CDK, VPC networking, Elastic Load Balancing, Auto Scaling, Route 53, and Secrets Manager, supporting secure and scalable deployments across multiple environments.
- Developed a commercial monitoring and scheduling platform using React, TypeScript, .NET, and AWS to ingest, validate, process, and monitor advertising schedules across business-critical workflows.
- Built backend APIs and automated file-ingestion services capable of processing recurring large-scale commercial schedule files, generating real-time validation errors, operational alerts, and scheduling status updates.
- Designed and launched a cloud-based marketing content intake platform using Amazon S3, AWS Lambda, API Gateway, and CloudFront to securely ingest, store, tag, search, and distribute digital marketing assets.
- Implemented metadata-driven content classification and search capabilities, improving asset discoverability and enabling downstream applications to retrieve and consume approved marketing content efficiently.
- Collaborated with product managers, designers, business stakeholders, architects, and engineering teams throughout requirements analysis, solution design, development, testing, deployment, and production support.

AWS Cloud Application Developer

Sep 2025 - Feb 2026

Tenet Health

Supported cloud-native clinical, revenue-cycle, and patient-engagement applications used across more than 50 Tenet Healthcare hospitals, contributing to secure and reliable technology operations in a regulated healthcare environment.

- Designed and developed full-stack applications using .NET, C#, Python, Node.js, TypeScript, and Angular within AWS-based enterprise platforms supporting hospital-facing and internal business workflows.
- Built secure microservices and REST APIs connecting clinical systems, revenue-cycle applications, patient-facing platforms, and internal enterprise services, enabling consistent data exchange across distributed healthcare applications.
- Developed event-driven integrations using Amazon SNS, Amazon SQS, EventBridge, Kafka, and RabbitMQ to support asynchronous processing, application notifications, and reliable communication between healthcare systems.
- Applied HIPAA-aligned security, access-control, and data-handling practices throughout application design, API development, integration testing, deployment, and production support.
- Created Python and Bash automation scripts for application deployments, environment configuration, monitoring, file processing, and recurring production-support activities, standardizing repeatable operational workflows.
- Supported applications throughout development, testing, deployment, troubleshooting, and production operations, investigating service failures, integration issues, application logs, and data-processing errors affecting hospital-facing systems.
- Collaborated with product, clinical, revenue-cycle, infrastructure, cybersecurity, and application-development teams to translate operational requirements into scalable, maintainable cloud applications and integrations.

Software Engineer — Full Stack

Jun 2020 - Nov 2024

Teradata

Contributed to the development and evolution of the Teradata Developer Portal, a global platform providing technical documentation, development resources, tools, and onboarding experiences for external developers.

- Developed frontend and backend functionality using React.js, Node.js, and MongoDB, supporting scalable portal capabilities and improving the overall developer experience.
- Led implementation of internationalization capabilities for Japanese and Spanish audiences, expanding accessibility and supporting Teradata's global developer community.
- Designed and developed reusable React components and contributed to a shared design system used across multiple portal subdomains, improving interface consistency and development efficiency.
- Developed and maintained the Docusaurus-based technical documentation platform, improving the organization, discoverability, navigation, and usability of developer-facing content.
- Implemented standards-based frontend functionality and performed cross-browser validation across Chrome, Firefox, Safari, and Microsoft Edge to ensure consistent behavior and usability.

- Collaborated with product managers and UX designers to refine user journeys, translate design requirements into functional experiences, and improve developer onboarding and content discovery.
- Participated in code reviews, defect resolution, application testing, technical documentation, and iterative delivery within an Agile software-development environment.

PROJECTS

LaunchPad AI — AI-Assisted Cloud Deployment Architect | Jul 2026 - Jul 2026

- Developed an AI-assisted platform that analyzes GitHub repositories, identifies application architecture and technology choices, and converts repository signals into practical deployment recommendations.
- Designed a developer-focused interface that presents cloud-readiness findings, architecture considerations, security guidance, scaling recommendations, and Railway-oriented deployment blueprints.

Serverless TaskFlow — AWS Task Management Platform | Jul 2026 - Jul 2026

- Built a serverless task-management application supporting task creation, retrieval, updates, deletion, status changes, and historical activity tracking through RESTful API endpoints.
- Developed Lambda-based backend services and DynamoDB data models for task and history records, validated end-to-end API workflows, and implemented logging and operational monitoring.

SpendWise — Serverless Expense Management Application | Jul 2026 - Jul 2026

- Designed and deployed a full-stack serverless expense-management application supporting expense CRUD operations, categories, monthly filtering, totals, visual charts, and CSV export.
- Hosted the frontend using Amazon S3 and CloudFront and integrated it with Lambda, API Gateway, and DynamoDB while configuring IAM permissions, CORS, validation, logging, and error handling.

CERTIFICATIONS & ACHIEVEMENTS

- AWS Certified Solutions Architect – Associate (SAA-C03) - Amazon Web Services (AWS) Mar 2026