

Sai Charan Papasani

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Meta Certified Front-End Developer Meta Certified Front-End Developer with 3+ years of professional full-stack experience in Java Spring Boot, ASP.NET MVC, React, and MySQL. Proven ability to build scalable, high-performance web applications. **Recently obtained a Master's Degree in Computer Science**, seeking impactful Software Developer and Full-Stack roles.

Education

State University of New York at Albany, Masters in Computer Science August 2023 – May 2025

- **Concentrations:** Software Development & Theoretical Computer Science
- **Related Coursework:** Software Engineering, Advanced Programming, Algorithms & Data Structures, AI, Automata Theory

K L University, August 2018 – June 2022
Bachelor of Technology in Electronics and Communication Engineering
CGPA: 8.9

Professional Experience

University at Albany, IT Services, Shift Lead(Part-time) August 2024 – May 2025

- Coordinated task distribution and issue resolution for 5+ student technicians.
- Provided support for Identity Management, desktop/mobile systems, and collaboration tools.
- Trained 40+ users on university systems; resolved 50+ IT support tickets weekly.

LeadSquared, Software Engineer October 2021 – July 2023

- Developed a complete food ordering website as part of the training program, utilizing ASP .NET MVC, Html, CSS, Bootstrap ,JavaScript C#, and MySQL
- Assisted in maintaining and improving the Email Marketing module, identifying and resolving bugs, and implementing minor features to improve product functionality.
- Enhanced the performance and scalability of the Email Marketing tool, optimizing the database for faster retrieval by implementing performance improvements in MySQL and .NET MVC.
- Designed and developed custom features such as the ability to change sender names dynamically, contributing to the overall flexibility of the email marketing platform.
- Developed and deployed RESTful APIs to automate user workflows, improving customer satisfaction.
- Collaborated with cross-functional teams (QA, DevOps, and senior engineers) to troubleshoot and resolve production bugs, improving product reliability.
- Researched and analyzed performance bottlenecks to propose architecture changes that increased system throughput.
- Developed dynamic sender name feature, enhancing platform flexibility and user customization options.
- Improved email tool speed by 30% through MySQL query optimization and .NET MVC tuning, significantly boosting performance. Worked on Full Stack Development of several other features using .NET ,Html,Css,MySql.
- Built RESTful APIs to automate user workflows, increasing efficiency and reducing manual overhead for internal operations. Automated testing for Several Important API's using Postman.
- Identified backend bottlenecks and proposed architectural changes, leading to increased system throughput.
- Collaborated effectively across teams to resolve bugs and deploy continuous improvements to the software platform.

Projects

Culinary AI, React.js, .NET Core, PostgreSQL, OpenAI API

- CulinaryAI is a web application designed to provide personalized recipe recommendations based on user preferences, dietary restrictions, allergies, and cooking skill level.
- It leverages AI (specifically OpenAI's GPT models) to generate novel recipes tailored to individual users.
- The application features user authentication, preference management through a questionnaire and profile settings, and dynamic recipe display, aiming to inspire users and simplify meal planning.

Finance Tracker, React.js, Spring Boot, MySQL, Java, AWS, Python

- Full-stack app for personal finance with user authentication, goal tracking, and real-time anal

Meta Front-End Developer Capstone Project

React, JavaScript, HTML5, CSS3, UI/UX Design

- Developed a responsive restaurant booking application featuring robust routing, client-side form validation, and a mobile-first design.
- Focused on implementing accessibility standards and performance optimization techniques.

Finance Tracker

React.js, Spring Boot, MySQL,Java,AWS,Python

- Full-stack app for personal finance with user authentication, goal tracking, and real-time analytics.
- Developed secure REST APIs and designed scalable backend architecture.

Food Ordering Website

ASP.NET MVC, SQL Server,Entity Framework,jQuery

- Built a role-based online food ordering system with separate modules for Admin, Chef, Customer, and Caretaker.
- Integrated real-time order tracking and menu management.

Skills

- **Programming Languages:** C#, Python, JAVA, JavaScript, HTML5, CSS3, C, SML, Assembly Language
- **Web Technologies:** ASP.NET MVC, React.js, Spring Boot, REST API, jQuery, Bootstrap, MERN Stack, .NET Core
- **Databases:** MySQL, SQL Server, Redis, Elastic Search, AWS, Azure
- **Tools & Methodologies:** Data Structures and Algorithms, Systems Architecture, Postman (API Automation), WCF, MATLAB, UI/UX Design, Selenium, SQL Server, Git, Entity Framework, Linux, Apache Spark

Certifications

- **Meta Certified front developer** - Coursera
- **ASP.NET MVC 5** – Microsoft
- **Mastering Programming with MATLAB** – Coursera

Activities & Achievements

- Organized and hosted a successful college-level coding hackathon, engaging over 100+ participants.
- Mentored junior students as a peer mentor, teaching core programming skills and helping them prepare for technical interviews. .