



Sai Cherish Potluri

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SUMMARY

Experienced Fullstack Software Developer with expertise in building scalable web applications, integrations with third-party vendors, and optimizing user experience for the healthcare domain. Proficient in modern technologies like Angular, ASP.NET, Java, Spring Boot and SQL Server.

EXPERIENCE

Fullstack Software Developer

June 2023 – Present

Devoir Software Solutions

Chesterfield, MO

- Developed a fullstack web application using Angular, Bootstrap, and ASP.NET, streamlining the management of physicians and certification cycles, improving task completion times by 50%.
- Developed integration services for third-party exam vendors, reducing registration time by 40%.
- Built a composite service to secure and optimize API access, preventing unauthorized usage and ensuring 100% compliance with security protocols.
- Revamped 90% of the client's application, enhancing UI/UX and increasing efficiency by 60%, handling up to 1,000 concurrent users.
- Utilized SQL Server for data management, implementing complex queries and stored procedures, improving query response time by 35%.
- Led knowledge transfer sessions for new hires, conducted internal demos, and improved stakeholder engagement.

Fullstack Software Engineer Intern

May 2022 – July 2022

Ace Data Services

Boston, MA

- Worked on the "AI Content Write" platform, developed new Angular components and maintained backend APIs, increasing content generation efficiency by 45%.
- Deployed services on AWS, improving scalability and performance by 20%.
- Collaborated with AI developers to enhance the machine learning models applied in content generation.

PROJECTS

AI Image Recognition with Gemini AI | *Express, Multer, Gemini AI* | [Code](#)

Aug 2024

- Developed a web app using Gemini AI to analyze images and text, generating AI-driven insights.
- Implemented image upload with Multer, integrating with Gemini AI for multimodal data processing, enhancing accuracy by 20%.
- Managed server routing with Node.js and Express, ensuring smooth frontend-backend interaction.

Netflix Data Analysis Dashboard | *Amazon S3, QuickSight* | [Code](#)

Aug 2024

- Built a data visualization dashboard using Amazon QuickSight to analyze Netflix titles, showcasing trends in release years and genres.
- Organized and uploaded data to Amazon S3 for efficient access, improving trend analysis accuracy by 30%.

Student Management API | *Java, Spring, SQL, Eclipse*

Jan 2023

- Built a REST API using Java and Spring for managing student data, performing CRUD operations.
- Designed and managed the MySQL database, improving integration and scalability by 25%.

EDUCATION

Arizona State University

Tempe, AZ

Master of Science in Computer Science

Aug. 2021 – May 2023

GITAM University

Vishakapatnam, India

Bachelors in Computer Science and Engineering

Jun. 2016 – Jun. 2020

TECHNICAL SKILLS

Languages: Java, Python, C#, SQL, TypeScript, JavaScript, HTML/CSS

Frameworks: Angular, React, Node.js, Spring, ASP.NET, JUnit, Mockito, Bootstrap

Tools: Git, Docker, Kubernetes, Jenkins, REST APIs, Microservices, OAuth2, RBAC, Okta

Cloud/DevOps: AWS, Azure (B2C, DevOps), GCP, Netlify, GitHub Actions, CI/CD Pipelines

Methodologies: Agile, Scrum, Kanban, TDD