



Sai Cherish Potluri

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EXPERIENCE

Fullstack Software Developer

June 2023 – Present

Devoir Software Solutions

Chesterfield, MO

- Developed a fullstack web application for the American Board of Emergency Medicine (ABEM) using Angular, Bootstrap, and ASP.NET, streamlining the management of physicians and certification cycles.
- Developed integration services for third-party exam vendors, including PVUE, ESOF, and BenchPrep.
- Built a composite service to secure and optimize API access, preventing unauthorized usage.
- Utilized SQL Server for data management, implementing complex queries and stored procedures.
- Led knowledge transfer sessions for new hires and conducted internal demos for stakeholders.
- Employed Azure B2C for authentication and Azure DevOps for project management and CI/CD pipelines.
- Revamped 90% of the client's application, enhancing UI/UX and increasing efficiency by 60%.

Fullstack Software Engineer Intern

May 2022 – July 2022

Ace Data Services

Boston, MA

- Worked on the "AI Content Write" website, developing new Angular components and updating existing features.
- Created and maintained APIs using .NET Core for backend services, integrating them with front-end components.
- Enhanced my knowledge of AI technologies through hands-on experience during the development process.
- Collaborated with the team to deploy and maintain services on AWS, improving scalability and performance.

PROJECTS

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

Aug 2024

- Built a web app using Gemini AI to analyze images and text, generating AI-driven insights.
- Implemented image upload with Multer, integrating it with Gemini AI for multimodal data processing.
- Used Node.js and Express to manage server routing, ensuring smooth frontend-backend interaction.

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

Aug 2024

- Developed 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 streamlined access, integrating it for efficient data management.

Portfolio | *React, Vite, HTML, CSS, GitHub* | [Code](#) | [Website](#)

June 2023

- Built and deployed a responsive React Portfolio Website, ensuring optimal UI and CD on Netlify.
- Utilized HTML, CSS, JavaScript to enhance React skills and managed version control with GitHub.

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

Jan 2023

- Developed a REST API using Java and Spring to manage student data, performing CRUD operations.
- Designed and managed the MySQL database, ensuring smooth integration and scalability of the API.

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 (MySQL, PostgreSQL, SQL Server), TypeScript, JavaScript, HTML/CSS

Frameworks & Libraries: Angular, React, Node.js, Spring, Hibernate, ASP.NET, JUnit, Mockito, Bootstrap, Entity

Tools & Technologies: Git, Docker, Kubernetes, Jenkins, REST APIs, Microservices Architecture, OAuth2, RBAC, Okta, MySQL Workbench, Visual Studio Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Cloud & DevOps: AWS (S3, QuickSight), Microsoft Azure (B2C, DevOps, Pipelines), Google Cloud Platform, Netlify, GitHub Actions, Azure Pipelines, CI/CD

Methodologies: Agile, Scrum, Kanban, Test-Driven Development (TDD)