Sai Cherish Potluri

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SUMMARY

Experienced Fullstack Software Developer with a strong background in building scalable web applications and enterprise-level integrations. Skilled in using technologies like Angular, ASP.NET, Java, and Spring Boot to develop secure, high-performance systems. Experienced in implementing cloud platforms (AWS, Azure), CI/CD pipelines, and API development. Adept at leading and mentoring teams, driving best practices, and optimizing user experiences through innovation and collaboration. Passionate about delivering high-quality solutions in fast-paced environments.

EXPERIENCE

Fullstack Software Developer — June 2023 – Present
Devoir Software Solutions — *Chesterfield, MO*

- Developed and optimized APIs for 12 services in ASP.NET Core, ensuring strict adherence to coding guidelines and improving performance across the application.
- Built responsive UI components using Angular and Bootstrap, enhancing user experience.
- Implemented third-party integrations, including PearsonVUE, ExcelSoft, and Benchprep, enabling seamless access to assessments and external tools.
- Integrated payment processing using Square API, streamlining the payment workflow for certification assessments.
- Collaborated with product managers and stakeholders to ensure the application met all business requirements, improving client satisfaction by 20%.
- Led the implementation of security protocols, ensuring the application achieved 100% compliance with industry security standards.
- Revamped key components of the application UI/UX, increasing overall efficiency by 60% and supporting up to 1,000 concurrent users.
- Mentored junior developers in best practices for CI/CD and test-driven development (TDD), boosting team productivity and code quality.

Fullstack Software Engineer Intern — May 2022 – July 2022
Ace Data Services — *Boston, MA*

- Assisted in updating and enhancing UI components using Angular, improving user experience and interface.
- Optimized backend API code in ASP.NET Core, reducing response times and improving overall application performance by 20%.
- Deployed and maintained services on AWS, gaining hands-on experience with EC2, S3, RDS, Route 53.
- Collaborated with cross-functional teams to understand application architecture, contributing to bug fixes and minor feature enhancements.
- Participated in code reviews, ensuring adherence to best practices and fostering continuous learning.

Trainee Decision Scientist Intern — Aug. 2020 – Oct 2020
Mu Sigma — *Bengaluru, India*

- Analyzed sales and inventory data using Python and SQL to find seasonal trends and determine popular products.
- Assisted in evaluating quarterly sales performance using Excel, identifying periods of growth and sales dips.
- Supported the creation of data visualizations using Tableau to represent purchase patterns, helping teams make data-driven decisions on inventory and product strategy.
- Collaborated with senior analysts to develop product placement recommendations based on preliminary data insights, focusing on high-traffic areas.
- Contributed to reports by extracting and organizing data, ensuring findings were aligned with business goals.

Software Development Engineer Intern — Apr 2019 – June 2019
SmartBridge Solutions — *Hyderabad, India*

- Contributed to developing a full-stack web app using Django and Flask, focusing on building backend APIs and improving core functionality for ride-hailing services.
- Assisted in designing a location service, enabling real-time route data, improving system accuracy and reliability.
- Collaborated on integrating RazorPay API for secure payments, ensuring smooth transactions and resolving issues.
- Optimized PostgreSQL queries to improve data retrieval times for location-based searches, enhancing performance.
- Developed and refined UI components using HTML/CSS and JavaScript, improving the user experience
- Helped build RESTful APIs for live ride updates, optimizing front-end and back-end systems communication.
- Collaborated with teams to gather requirements and ensure features met project goals and client expectations.

PROJECTS

AI Image Recognition with Gemini AI | *Express, Multer, Gemini AI* | <u>Code</u>   Aug 2024
- Developed a web app using Gemini AI to analyze images and text, generating AI-driven insights. Integrated image upload with Multer, enhancing data processing accuracy by 20%.
- Managed server routing with Node.js and Express, ensuring smooth interaction between frontend and backend.

Netflix Data Analysis Dashboard | *Amazon S3, QuickSight* | <u>Code</u>   Aug 2024
- Built a data visualization dashboard using Amazon QuickSight to analyze Netflix titles, highlighting trends in release years and genres.
- Organized and uploaded data to Amazon S3 for efficient access, improving trend analysis accuracy by 30%.

EDUCATION

Arizona State University   Tempe, AZ
Master of Science in Computer Science   *Aug. 2021 – May 2023*
- Relevant Courses: Distributed Systems, Cloud Computing, AI/ML

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 (EC2, S3, Lambda), Azure (B2C, DevOps), GCP, Netlify, GitHub Actions, CI/CD Pipelines
Distributed Systems: High-Throughput, Low-Latency, Fault Tolerant Systems, Scalable Architectures
Methodologies: Agile, Scrum, Kanban, TDD