ADITI SONAWANE

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EXPERIENCE

Software Engineer Intern | Gradient, USA

Jan 2025 - Present

- Developing an iOS application using React and TypeScript, focusing on performance, responsiveness, and user experience.
- Implemented secure Google authentication using Google Cloud Platform (GCP) to simplify user onboarding.
- Collaborated on the create post feature, enhancing user engagement and interaction within the gym community.

Software Engineer I (Seasonal) | Bloom Insurance, USA

Jul 2024 - Dec 2024

- Developed and maintained large scale software systems for insurance enrollment using C#, .NET technologies.
- Designed REST APIs for microservices and webhooks for an API gateway, improving usage visibility by 85%.
- Refined API endpoints to fetch data in batches using SQL, reducing server response time from 4s to 630 ms, resulting in
 more responsive web pages.
- Initiated test automation and unit tests with 92% code coverage, enforcing code merge policies with build automation.

Software Developer Intern | Bloom Insurance, USA

May 2023 - Dec 2023

- Refactored web services which improved CPU performance and memory usage by 35%, contributed to code reviews for writing maintainable, scalable code.
- Integrated New Relic to monitor system health, diagnosis and resolution of production issues, enabling faster identification of bottlenecks and reducing incident resolution time by 35%.
- Delivered accessible features and reusable components using HTML, CSS, JavaScript and React.js which contributed to a 75% reduction in page load times.

Software Developer | Cognizant, India

Nov 2020 - Jun 2022

- Led software development of C#, .NET Core web applications used by thousands of global users.
- Collaborated with cross functional teams to migrate production servers to cloud, which improved system scalability by 40%.
- Resolved production issues and managed version control using Git and Jenkins CI/CD for automated builds, deployments.
- Authored feature documentation, driving 20+ design updates and provided guidance and mentorship to junior engineers.

PROJECTs

Document Manager for Lawyers | Python

- Standalone desktop app for lawyers with PDF OCR and intelligent cropping with multithreaded execution for efficiency.
- Awarded the 2nd Runner-up position at a university-wide Hackathon sponsored by Google Cloud with 250+ participants.

CI/CD Pipeline using AWS | Java (Spring), AWS

- Developed a Java Spring Boot web app for a neighborhood community, enabling users to connect, trade, and share updates.
- Automated CI/CD pipeline using AWS CodeBuild, CodeDeploy, EC2 which reduced application deployment time by 80%.
- Enabled high-priority emails with AWS Lambda, boosting user engagement by 40% with timely and efficient communication.

Bank Data Classification | Python

- Leveraged Machine Learning algorithms to create a scalable Classification System in Python, Django, HTML.
- Best Paper: 5th International Conference on Internet of Things, Next Gen Networks and Cloud Computing (ICINC-2020).

EDUCATION

Master of Science, Computer Science | Indiana University Bloomington, INMay 2024Coursework: Software Engineering, Computer Networks, Cloud Computing, Al/MLGPA: 3.94

Bachelor of Engineering, Computer Engineering | Pune University, India

May 2020

Coursework: Object-oriented programming, Data Structures, Algorithms, Operating Systems

GPA: 3.70

TECHNICAL SKILLs

Programming Languages: C#, Python, Java, JavaScript, HTML, CSS

Web Technologies: REST, SOAP, JSON, Spring, Spring Boot, Hibernate, .NET, XML, JSON, React, Node.js

Databases & RDBMS: (SQL) MS SQL Server, MySQL, PostgreSQL, (NoSQL) MongoDB

DevOps & SDLC Tools: Git, Agile, Jenkins, Jira, VS Code, Docker, Kubernetes, GCP, GitHub Workflows