

ADITI SONAWANE

812-606-7352 | aditi.sonawane2212@gmail.com | [linkedin.com/in/aditi-sonawane](https://www.linkedin.com/in/aditi-sonawane) | aditids.github.io

EXPERIENCE

Software Engineer | Gradient, USA

Jan 2025 - Present

- Engineered a **React Native** fitness community app with Firebase and **GCP**, implementing secure Google authentication to simplify login from 4 steps to 1.
- Collaborated on core features like Create Post and Stories, enhancing user engagement and boosting app interactivity.

Software Engineer I | Bloom Insurance, USA

Jul 2024 - Dec 2024

- Developed and maintained large scale **distributed systems** for insurance enrollment using C#, .Net MVC design pattern.
- 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.
- Implemented an **NUnit test suite** from scratch, achieving 92% code coverage and enforcing code merge policies through automated builds.

Software Developer Intern | Bloom Insurance, USA

May 2023 - Dec 2023

- Refactored web services which **improved 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.
- Delivered **accessible** features and **reusable** components, **42% reduction in page load times** by using **JavaScript**, HTML5.

Software Developer | Cognizant, India

Nov 2020 - Jun 2022

- Led** development of a component in a system managing 4M annuity insurance contracts.
- 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

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

CommunityConnect

- Built a **Java**, **Spring Boot** web app for a neighborhood community, enabling socializing, trading, and local engagement.
- Automated **CI/CD pipeline** using **AWS** CodeBuild, CodeDeploy, EC2 which reduced application deployment time.
- Enabled high-priority emails with AWS Lambda, boosting user engagement by 40% with timely and efficient communication.

Bank Data Classification

- Created a **Python** based classification system using **Machine Learning** algorithms (Decision Tree and Random Forest).
- 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, IN

May 2024

Coursework: Software Engineering, Computer Networks, Cloud Computing, AI/ML

GPA: 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#, Java, Python, 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