

Ananya Pawar

San Jose, CA | ananyapawar601@gmail.com | 929-253-8839 | portfolio-ananya-pawars-projects.vercel.app
linkedin.com/in/ananyapawar09 | github.com/ananyapawar601

Education

Pennsylvania State University, BS in Information Technology

May 2025

- GPA: 3.75/4.0
- **Coursework:** Distributed Systems, Data Structures and Algorithms, Database Management, Computer Networking

Work Experience

Software Engineer, IpserLabs – Remote

May 2025 - Current

- Built **RESTful APIs** with **Spring Boot**, implementing features such as **JWT** authentication, role-based access control, and rate-limiting, enhancing application security and performance.
- Developed efficient **asynchronous JavaScript** functions to query **SQL databases**, reducing average response times.
- Designed and implemented backend features to support business and product management functionality.
- Built and **integrated API endpoints** to enable key operations and interactions across system modules.
- Applied **input validation**, ownership checks, and error handling to ensure reliable and secure business logic.
- Ensured **backend endpoints** returned standardized status responses to support seamless frontend integration.

IT Analyst Intern, Wolfgang Confectioners – York, PA

May 2024 – May 2025

- Designed and implemented integration using **RESTful APIs** and **Power Automate**, reducing manual project tracking time by 30% and improving leadership visibility.
- Developed **SmartSheet Workflows** to streamline form management, cutting processing time by 35% and reducing errors by 25%.
- Created **Power BI** dashboards providing actionable insights, increasing reporting efficiency by 40%.
- Created comprehensive **documentation** for business processes in Deacom ERP and other systems.

Projects

Employee Management System

2025

- Developed a full-stack airline employee management system using **Java 17**, **Spring Boot** (MVC, Security, JPA), and **MySQL** with secure role-based access (Admin/Manager), **session management**, and **BCrypt password hashing**.
- Implemented dynamic **CRUD** operations, advanced search filters, and robust form validation using **Thymeleaf** and **Bootstrap 5**, enhancing UX and data integrity across responsive layouts.

PayApp

2024

- Built a full-stack payments application using **Node.js**, **TypeScript**, **PostgreSQL** and **Prisma** for backend development.
- Delivered features, including secure user authentication and payment processing.
- Developed a secure and responsive frontend using **React.js** styled with **Tailwind CSS**. Integrated **Docker** for containerized management, ensuring scalability.

DocEasy

2024

- Designed and implemented a document management system with client-server architecture to streamline storage, retrieval, and organization.
- Developed a responsive web interface using **HTML**, **CSS**, and **JavaScript** for seamless access across devices.
- Enabled **CRUD** operations for document management through **RESTful APIs**.
- Managed document storage using a file system-based backend with **Node.js** and **Express.js**.

ChatApp

2023

- Developed a real-time chat application using **Java**, featuring **client-server architecture**, **multithreaded socket programming** for concurrent user support.
- Created an interactive interface with user authentication and private messaging for secure, personalized communication.

Technologies

Languages: Java, Python, C++, JavaScript, C#, SQL

Web Technologies: Spring Boot, HTML5, CSS3, ReactJS, Node.js, Express, Angular, REST API, GraphQL

Databases: MySQL, Oracle, PostgreSQL, MongoDB

Software/Tools: Git, Microservices, JUnit, SDLC, Agile, Docker, Kubernetes, Visual Studio Code