

SHUBHAM PAWAR

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Education

Savitribai Phule Pune University

Bachelor of Engineering in Computer Science (CGPA: 8.81)

Aug. 2019 – Aug. 2023

Pune, Maharashtra

Work Experience

Austere System Limited

Jan 2024 – Present

Software Developer

Pune, Maharashtra

- Worked as a Full Stack Developer on enterprise-grade systems like ERP and Fund Disbursement Management System.
- Engineered REST APIs using Spring Boot and FastAPI to streamline data flow.
- Implemented role-based authentication, fund tracking workflows, and automated approval processes to enhance operational efficiency.
- Led a team of 12+ members in developing optimized solutions, ensuring scalability and maintainability.
- Designed and optimized SQL queries and indexing strategies, reducing query response time by over 40%.
- Built real-time analytics dashboards using React.js and integrated data visualization for fund utilization monitoring.
- Collaborated with cross-functional teams to deploy cloud-based solutions and manage version control using Git.

Projects

FDMS for Haryana Government | Full Stack Developer — PHP, MySQL, AJAX, JavaScript Jan 2024 – June 2024

- Developed a Fund Disbursement Management System (FDMS) for the Haryana Government to digitally manage and track fund transfers across multiple administrative levels.
- Implemented role-based authentication and authorization for different user types including Admin, Department Officers, and Employees.
- Built real-time fund tracking and approval workflows ensuring transparency and accountability in fund disbursement.
- Enhanced system usability through AJAX-based dynamic updates and a responsive front-end built with HTML, CSS, and JavaScript.

ERP System | Backend Developer — Java Spring Boot, MySQL

July 2024 – July 2025

- Developed and maintained a scalable ERP System with modules for user management, finance tracking, and operational workflows, supporting both admin and employee roles.
- Designed and implemented RESTful APIs using Spring Boot for dashboards, authentication, and role-based access control.
- Enhanced backend performance by optimizing MySQL queries, improving API response times, and ensuring secure data transactions.

Voice Broadcast Management System | Full Stack Developer — Python FastAPI, Next.js

Aug 2025 – Present

- Developed a Voice Broadcast Management System enabling users to create and launch voice campaigns efficiently in a single flow.
- Integrated AI model services for Text-to-Speech (TTS) conversion and intelligent detection features to enhance campaign automation and accuracy.
- Built the backend using Python FastAPI and the frontend with Next.js, incorporating live campaign monitoring and detailed campaign summary tracking.

Technical Skills

Languages: Java, Python, PHP, JavaScript, SQL, HTML/CSS

Frameworks/Technologies: Spring Boot, FastAPI, Laravel, Node.js, Express.js, Next.js, AJAX, RESTful APIs, JWT Authentication

Databases: MySQL, PostgreSQL

Developer Tools: VS Code, Eclipse, Postman, Docker, Google Cloud Platform, AWS (EC2, S3)

Version Control: Git, GitHub, GitLab, Assembla

Operating Systems: Linux, Windows

Other Skills: AI Model Integration (Text-to-Speech, Detection), API Design, System Design, Performance Optimization

Leadership / Extracurricular

Team Lead – Product Development

2024 – Present

Austere System Limited

Pune, Maharashtra

- Led a team of 12-15 members to develop and deliver a scalable ERP product, ensuring high-quality standards and timely delivery.