

SHUBHAM PAWAR

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Professional Summary

Results-driven Software Developer with 2.5+ years of experience building scalable enterprise solutions across ERP, Fund Disbursement Management (FDMS), Audit Management SaaS, and Voice Broadcast platforms. Proficient in full-stack development using Java Spring Boot, Python FastAPI, React.js, and Next.js. Demonstrated expertise in designing RESTful APIs, implementing role-based security (RBAC/JWT), optimizing database performance, and leading development teams. Successfully delivered government and enterprise projects with measurable performance improvements and 100% sprint success rates. Passionate about solving complex business problems through innovative technology solutions.

Technical Skills

Programming Languages: Java, Python, JavaScript, PHP, SQL

Backend Frameworks: Spring Boot, FastAPI, Laravel, Node.js, Express.js

Frontend Technologies: React.js, Next.js, AJAX

APIs & Security: RESTful API Design, JWT Authentication, Role-Based Access Control (RBAC), OAuth Basics, XSS/CSRF Protection

Databases: MySQL, PostgreSQL

Cloud & DevOps: Docker, AWS (EC2, S3), Google Cloud Platform

Developer Tools: VS Code, Eclipse, Postman

Version Control: Git, GitHub, GitLab, Assembla

Operating Systems: Linux, Windows

Additional Expertise: Enterprise SaaS Architecture, System Design, Performance Optimization, AI Model Integration (Text-to-Speech, Detection), Real-Time Dashboards

Work Experience

Austere System Limited

Jan 2024 – Present

Software Developer

Pune, Maharashtra

- Contributed to enterprise-grade systems including **ERP, Fund Disbursement Management System (FDMS), Audit Management SaaS, and Voice Broadcast Platforms.**
- Engineered **scalable RESTful APIs** using **Java Spring Boot** and **Python FastAPI** to support complex workflows, approvals, and real-time data processing.
- Integrated **role-based authentication and authorization (RBAC)** using **JWT** and **Spring Security**, ensuring secure access across multi-level user hierarchies.
- Created **workflow-driven systems** for **fund tracking, audit lifecycle management, QC approvals, and automated decision flows.**
- Built **frontend modules** using **React.js** and **Next.js**, including **real-time dashboards, SLA indicators, and status monitoring interfaces.**
- Optimized **SQL queries, indexes, and transaction handling**, achieving over **40% improvement in response time** for high-traffic modules.
- Led and mentored a **team of 12+ developers**, ensuring **scalable architecture, code quality, and on-time sprint delivery.**
- Collaborated with **stakeholders and cross-functional teams** to **prioritize features, align deliverables with business requirements, and ensure 100% sprint success rate** through timely execution.
- Supported **cloud-ready deployments**, managed **Git-based version control**, and drove continuous system improvements.

Projects

FDMS for Haryana Government | Backend Developer — Java, Spring Boot

Jan 2024 – June 2024

- Engineered a **Fund Disbursement Management System (FDMS)** for the **Haryana Government** to digitally manage and monitor **fund transfers** across multiple administrative levels.
- Architected and executed secure **RESTful APIs** using **Java Spring Boot** for fund allocation, approval workflows, and **transaction processing**.
- Applied **role-based authentication and authorization** for **Admin, Department Officers, and Employees** using **Spring Security** and **JWT**.

- Managed **business logic**, **server-side validations**, and **exception handling** to ensure system reliability and security.
- Enhanced **database queries**, ensured **ACID-compliant transactions**, and maintained **data integrity** using relational databases.

Voice Broadcast Management System | Full Stack Developer —FastAPI, Next.js *July 2024 – July 2025*

- Created a **Voice Broadcast Management System** enabling users to **configure and launch voice campaigns** through a **single streamlined workflow**.
- Integrated **AI-powered Text-to-Speech (TTS)** services and **intelligent detection models** to automate campaign execution and improve **delivery accuracy**.
- Planned a **scalable backend** using **Python FastAPI** and a **high-performance frontend** with **Next.js**, supporting **live campaign monitoring** and **detailed analytics dashboards**.
- Executed **real-time campaign status tracking**, **error handling**, and **secure API communication** for reliable broadcast execution.

Enterprise SaaS Application | Frontend Developer — React.js, Web Security *Aug 2025 – Present*

- Constructed a **scalable enterprise SaaS audit management platform** supporting **multiple audit types** with complex, role-driven workflows.
- Enforced **role-based UI rendering** for **7 user roles** with **strict access control** and permission-based navigation protocol.
- Established **secure authentication flows**, **session-safe routing**, and **UI-level protection against unauthorized access**.
- Planned **real-time dashboards** with **SLA timers**, **audit status tracking**, and **offline sync indicators**.
- Applied **frontend security best practices** including **XSS prevention**, **CSRF-safe interactions**, and **secure token handling**.

Education

Savitribai Phule Pune University *Aug. 2019 – Aug. 2023*
Bachelor of Engineering in Computer Science (CGPA: 8.81) Pune, Maharashtra

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.