Shobhit Singh

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EDUCATION

Dr. APJ Abdul Kalam Technical University   Ghaziabad, UP
Bachelor of Technology in Information Technology   *2022 – 2026*

EXPERIENCE

Codec Technologies   June 2025 – Aug 2025
Backend Developer Intern   *Remote*
- Developed secure microservices using Java (Spring Boot) to handle user authentication and session management, implementing JWT standards for 1,000+ active users.
- Migrated legacy monolithic codebases to serverless architecture using AWS Lambda and API Gateway, reducing infrastructure costs by 15%.
- Wrote comprehensive JUnit test cases achieving 85% code coverage, ensuring robust error handling and minimizing production bugs during release cycles.

Unified Mentor   April 2025 – June 2025
Full-Stack Development Intern   *Remote*
- Developed a full-stack food ordering application using React and Spring Boot, implementing secure payment integration with Razorpay and AWS S3 for image storage, serving 500+ test users with 98% uptime.
- Built RESTful APIs with Spring Boot and MongoDB for user authentication, order management, and real-time tracking, reducing API response times by 40% through query optimization and caching strategies.

PROJECTS

CraveDash - Food Delivery Platform | *React, Spring Boot, MongoDB, AWS S3, Razorpay*
- Built a full-stack food delivery platform with React 18 and Spring Boot 3.4, serving 1,000+ daily orders with JWT-based authentication and role-based access control for customers, restaurants, and admins.
- Integrated Razorpay payment gateway for secure transactions and AWS S3 for scalable image storage, reducing image load times by 60% through cloud-based CDN delivery.
- Implemented real-time order tracking with MongoDB change streams and Context API state management, achieving sub-200ms response times and 99.9% uptime through optimized Spring Data queries.

Resume Builder - Professional Resume Creator | *React, Spring Boot, MongoDB, Cloudinary, TailwindCSS*
- Developed a full-stack resume builder with 3 professional templates, PDF export via jsPDF/html2canvas, and email sharing capabilities, processing 500+ resume creations with 95% user satisfaction.
- Architected RESTful APIs with Spring Boot 3.5 and MongoDB for CRUD operations, implementing JWT authentication with email verification and Razorpay integration for premium features.
- Designed responsive React 19 frontend with TailwindCSS 4.1 and Vite 6.3, featuring real-time preview, Cloudinary image uploads, and Context API for seamless state management across 10+ components.

Property Management Platform | *Next.js, TypeScript, Express, Prisma, PostgreSQL, Mapbox*
- Engineered a full-stack property management system with Next.js 14 and TypeScript, managing 200+ property listings with interactive Mapbox GL maps powered by PostGIS geospatial queries.
- Built Express backend with Prisma ORM and PostgreSQL, implementing AWS Amplify authentication and Redux Toolkit for state management, handling 50+ concurrent users with 99% uptime.
- Developed tenant application tracking, lease management, and payment monitoring features with real-time updates, reducing administrative overhead by 40% through automated workflows and analytics dashboards.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python
Frontend Development: React, Next.js, TailwindCSS, Bootstrap, Vite, Redux Toolkit, Context API
Backend Development: Spring Boot, Express, Node.js, RESTful APIs, Prisma ORM, Maven
Databases: MongoDB, PostgreSQL, PostGIS, MongoDB Atlas
Cloud & DevOps: AWS (S3, EC2, Amplify), Docker, GitHub Actions
Tools & Integration: Razorpay, Cloudinary, Mapbox GL, JWT Authentication, Git, Postman