

VAISHNAVI SINGH

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EXPERIENCE

Full Stack Developer – SpeedSe Logistics (Truck Booking App) ([Play Store](#)) ([App Store](#)) Apr 2025 – Present

- Developed and maintained a cross-platform mobile app using Flutter and Dart for Android and iOS, enabling seamless truck booking for 500+ concurrent users.
- Designed and integrated Node.js and Express.js backend APIs, optimizing data flow and reducing API response time by 40%.
- Implemented real-time geolocation and notifications using Firebase, Google Maps API, and WebSockets, improving logistics accuracy by 25%.

Flutter Developer – Bharat Yaatri (Taxi Service App)([Play Store](#)) Dec 2024 – Feb 2025

- Engineered and deployed a cross-platform taxi service app using Flutter, Dart, and Firebase for Android and iOS, reducing user interaction delays by 50%.
- Integrated Node.js backend and RESTful APIs with Firebase Cloud Messaging for real-time ride updates, supporting thousands of concurrent users with sub-100ms response times.
- Optimized state management in Dart and Flutter, decreasing crash rates by 30% and enhancing mobile app stability.

PROJECTS

FOMO Fix - Event Booking Mobile App ([Link](#)) Jun 2025 – August 2025

- Created a comprehensive event booking mobile application using Flutter, serving event attendees with 95% booking success rate. Constructed microservices-based backend infrastructure with Spring Boot, implementing Apache Kafka for event-driven messaging and achieving 99.2% system uptime.
- Orchestrated automated email confirmations through SMTP integration and streamlined inter-service communication via Feign Client, reducing booking confirmation time by 65%.
- Optimized database transactions and API performance, resulting in 45% faster event search and 30% improvement in concurrent user handling capacity.

Pet Adoption System – Spring Boot App ([Link](#)) Jan 2025 – Mar 2025

- Architected a Spring Boot-based pet adoption platform, integrating role-based authentication and boosting adoption efficiency by 40%.
- Streamlined database performance using JPA, Hibernate, and MySQL, reducing query execution time by 30%. Deployed REST APIs to enable smooth adoption workflows and rescue operations.

Job Listing Platform ([Link](#)) Nov 2024 – Jan 2025

- Engineered a scalable job listing platform with Spring Boot and MongoDB, cutting job search time by 35%.
- Enhanced system performance by 25% through efficient indexing, caching, and RESTful APIs.

ACHIEVEMENTS

- 1st Place, HACKBLOCKS 1.0 (BVP, Delhi & Microsoft) – ranked 1st out of 100 teams.
- 3rd Place, ACE HACKS 3.0 (UEM, Jaipur & Rajasthan Police) – ranked 3rd out of 150 teams.

CERTIFICATIONS

Spring Boot 3 Covered Spring Framework, Spring Boot, and backend fundamentals.

VOLUNTARY EXPERIENCE

Core Lead - Innogeeks Jan 2022 – Present

- Mentored and guided 20+ students in AR/VR development, leveraging Unity3D and Vuforia to optimize project execution efficiency by 30%.
- Led organizational efforts for Innogeeks Winter of Code 2.0 & 3.0 and Innohacks 3.0, a national-level hackathon with over 500 participants.

EDUCATION

Bachelor of Technology, CSE (AIML) [CGPA: 8.1 (aggregate)]
KIET Group of Institutions (Affiliated to AKTU)

Expected 2026