

Kartikeya Rajput

✉ kartikeyarajput7@gmail.com [in LinkedIn](#) [Portfolio](#) 📍 New Delhi, India

EXPERIENCE

SIEMENS LTD | INTERN

Feb 2025 – Apr 2025 | Gurugram, Haryana

- Gained hands-on experience with SCADA architectures and RTU configuration for metro rail automation systems across 3 substations
- Configured and tested failover mechanisms within operational and backup control centers, ensuring seamless transition during simulated outages and minimizing data loss by 99% through robust data replication strategies.

BHARTI AIRTEL PVT. LTD | SOFTWARE DEVELOPER INTERN

Aug 2024 – Jan 2025 | Gurugram, Haryana

- Collaborated on innovative design solutions, integrating backend with frontend using Vite.js & TypeScript. Improved system efficiency by 25%.
- Enhanced frontend functionality, improving user experience metrics by 30%. Leveraged Jira for project management.
- Built UI and integrated backend for internal API creation tool, reducing development time by 40%.

SANSKRIT E SOLUTIONS & SERVICES PVT. LTD | INTERN

Aug 2023 – Oct 2023 | Siri Fort, New Delhi

- Created mobile app for custom OMR sheets using OpenCV, integrated Flutter and Java.
- Led development of React.js and Spring Boot web app for streamlined hiring with MySQL integration.

PROJECTS

LIVE STREAMING APP | FULL-STACK DEVELOPMENT

React.js & Spring Boot | [Link](#)

- Built Spring Boot backend with H2 database and 6 RESTful API endpoints supporting MP4 video uploads up to 100MB
- Engineered React 18 frontend with TypeScript, implementing glass-morphism UI design and drag-and-drop video upload functionality

TASK MANAGEMENT APP | WEB APPLICATION DEVELOPMENT

Next.js & MongoDB Implementation | [Link](#)

- Architected full-stack application using Next.js 15 App Router with MongoDB and NextAuth.js JWT-based authentication system
- Implemented task filtering across 3 priority levels, 3 status categories, and search functionality using shadcn/ui components

BEACHSAFE INDIA | MOBILE APP DEVELOPMENT

Firebase & Google Maps Integration | [Link](#)

- Developed Flutter application covering 20+ Indian beaches across 8 states with automatic safety assessment based on wave height
- Integrated Firebase Realtime Database with Google Maps API, implementing role-based access controls and offline data persistence

SUMMARY

Software Engineer with hands-on experience in full-stack development using React.js, Next.js, Spring Boot, and Flutter. Proficient in building scalable web applications with RESTful APIs, database integration (MongoDB, MySQL), and cloud services (Firebase). Experienced in modern development practices including TypeScript, authentication systems, and responsive UI design.

EDUCATION

BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY

B.TECH IN INFORMATION TECHNOLOGY

2021-2025 | Delhi, India

CGPA: 8.5 / 10.0

BASAVA INTERNATIONAL SCHOOL

XII TH STANDARD

2021 | Delhi, India

Percentage: 81.5%

SKILLS

PROGRAMMING

Languages: Java • JavaScript

Core CS: Data Structures • Algorithms

Frontend Technologies: HTML • TypeScript • Tailwind CSS

Backend & Database: Node.js • MySQL • MongoDB • Firebase • RESTful APIs

FRAMEWORKS & TOOLS

Next.js • React.js • Flutter

Spring Boot • Microservices

Git • Bitbucket • Jira • Kubernetes

LEADERSHIP

GOOGLE STUDENT DEVELOPMENT CLUB, BPIT

APP DEV HEAD

2023 – 2024

Training & Development

(Mentored 10+ students within the 2-day Flutter workshop on complex app development challenges, fostering deeper understanding and solidifying workshop concepts as noted by positive testimonials.)