

Ramesh Kumar Sah

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Education

Kalinga Institute of Industrial Technology

Bhubaneswar, Odisha

Bachelor of Technology in Computer Science

Sept. 2022 – May 2026

Experience

Software Developer Intern

Jan. 20, 2025 – July 20, 2025

Squid Square Startup Remote

- Engineered a service provider mobile application from scratch using React Native for the frontend and Node.js with Express.js for the backend, reducing booking time by 40%.
- Designed and implemented a MongoDB database with Mongoose to handle over 10,000 records efficiently, achieving a 25% faster response time in data retrieval.
- Developed features enabling users to browse and book technical services, increasing platform engagement by 30%.
- Collaborated with a team of 5 members, delivering key features 2 weeks ahead of schedule through effective teamwork.
- Applied agile methodologies, delivering high-quality reusable components and reducing future development time by 20%.

Projects

Malon: Salon Booking Management System React Native, Node.js, Firebase Firestore

- Enhanced a salon booking app with real-time appointment scheduling and secure user authentication.
- Applied email notification services for booking confirmations sent to both users and barbers.
- Integrated Firebase Firestore for scalable, real-time data management and synchronization.
- Improved user experience with an intuitive interface and real-time updates for booking statuses.

E-Commerce Clothing Platform React.js, Node.js, Express.js, Tailwind CSS, Material-UI

- Expanded a responsive and dynamic e-commerce platform with a modern design using React.js for the frontend, styled with Tailwind CSS and Material-UI.
- Executed a robust backend using Node.js and Express.js, ensuring efficient API handling and seamless communication between frontend and backend.
- Built features including cart management, secure payment integration, dynamic product listings, and user authentication.
- Enhanced user experience with real-time data updates and a scalable architecture to handle increased traffic.
- Focused on delivering a polished user interface with consistent performance across devices.

Technical Skills

- Programming Languages: C, C++, JavaScript, HTML, CSS
- Frameworks & Libraries: React.js, React Native, Node.js, Express.js, Material-UI, Bootstrap, Tailwind CSS
- Databases: Firebase Firestore, MongoDB
- Tools: Git, Postman, VS Code, npm
- Soft Skills: Analytical Thinking, Team Collaboration, Agile Methodologies