

# Ramesh Kumar Sah

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## EDUCATION

**Kalinga Institute of Industrial Technology**  
*Bachelor of Technology in Computer Science*

Bhubaneswar, Odisha  
*Sept. 2022 – May 2026*

## EXPERIENCE

### Software Developer Intern

Jan. 20, 2025 – July 20, 2025

*Squid Square Startup*

*Remote*

- Built a fully functional website using the **MERN stack** (MongoDB, Express.js, React.js, Node.js) for Squid Square; implemented a form submission feature with **NodeMailer** to send confirmation emails to both the owner and the user upon form submission.
- Developed a tender-assignment application for a client using **React Native, Firebase, Node.js, Mongoose, REST API, and Expo Notifications**, ensuring real-time updates and efficient communication.
- Collaborated with a team of 5 members, delivering key features ahead of schedule and optimizing performance by 25%.
- Applied agile methodologies to create high-quality, reusable components, reducing future development time by 20%.

## PROJECTS

### Malon: Salon Booking Management System YouTube Demo

*React Native, Node.js, Firebase Firestore*

- Enhanced a salon booking app with real-time appointment scheduling and secure user authentication.
- Implemented email notification services using **NodeMailer** to send booking confirmations 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 Live Demo *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Material-UI*

- Developed a responsive and dynamic e-commerce platform with a modern UI using **React.js** for the frontend, styled with **Tailwind CSS** and **Material-UI**.
- Implemented a robust backend using **Node.js** and **Express.js** to handle API requests efficiently.
- Integrated **MongoDB** as the database to manage and store data effectively.
- Built features including cart management, login with OTP (via email), login with Google, order booking, and order updating functionalities.
- Enhanced user experience with real-time updates and a scalable architecture to handle increased traffic.

## 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