

# 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. 2025 – July 2025

*Squid Square Startup*

*Remote*

- Engineered a dynamic web platform utilizing the **MERN stack** (MongoDB, Express.js, React.js, Node.js), optimizing user experience and data management.
- Implemented a form submission feature with **NodeMailer**, automating email confirmations for both clients and administrators.
- Developed a tender-management system with **React Native, Firebase, Node.js, and REST APIs**, ensuring real-time updates and seamless communication.
- Collaborated in a 5-member agile team, driving key feature rollouts ahead of deadlines while enhancing system performance by 25%.
- Designed reusable UI components, reducing development time for future projects by 20%.

## PROJECTS

### Malon: Salon Booking Management System YouTube Demo

*React Native, Node.js, Firebase Firestore*

- Developed a salon booking system featuring real-time appointment scheduling and secure authentication.
- Integrated **NodeMailer** for automated email confirmations post-booking.
- Leveraged **Firebase Firestore** to facilitate real-time data storage and retrieval.
- Optimized UI/UX for enhanced usability and seamless customer interactions.

### E-Commerce Clothing Platform Live Demo *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Material-UI*

- Developed a modern, responsive e-commerce site using **React.js** and **Tailwind CSS**.
- Built a robust backend with **Node.js** and **Express.js**, ensuring secure API communications.
- Implemented **MongoDB** for dynamic product management and scalable data storage.
- Features include real-time cart updates, Google authentication, OTP-based login, and order tracking.

## TECHNICAL SKILLS

- Languages:** C, C++, JavaScript, HTML, CSS
- Technologies:** React.js, React Native, Node.js, Express.js, Material-UI, Bootstrap, Tailwind CSS
- Databases:** Firebase Firestore, MongoDB
- Development Tools:** Git, Postman, VS Code, npm, REST API
- Soft Skills:** Problem Solving, Team Collaboration, Agile Development, Code Optimization