Ramesh Kumar Sah

725-886-6801 | sahramesh1501@gmail.com | github.com/ramesh3214 | Bhubaneswar, Odisha

EDUCATION

Kalinga Institute of Industrial Technology — Bhubaneswar, Odisha
Bachelor of Technology in Computer Science — *Sept. 2022 – May 2026*

EXPERIENCE

Software Developer Intern — Jan. 2025 – Present
Squid Square Startup — *Remote*

- Enhanced cross-platform mobile applications using React Native, optimizing for a seamless user experience across devices.
- Collaborated closely with cross-functional teams, reducing development time by 20% through innovative problem-solving techniques.
- Grew reusable, modular components, ensuring scalability and long-term maintainability of the codebase.

Founder & Lead Developer — Jan. 2023 – Present
Malon: Salon Booking Management System — React Native, Node.js, Express, MongoDB, Firebase

- Conceptualized, extended, and launched *Malon*, a salon booking management system serving 500+ potential users.
- Designed intuitive user interfaces, leading to improved customer satisfaction and engagement.
- Architected and executed a robust backend using Node.js, Express.js, and MongoDB to handle real-time data processing and management.
- Integrated secure authentication mechanisms using Firebase and JWT, ensuring data privacy and protecting user accounts.
- Applied email services to send booking confirmations, improving user engagement and trust.
- Currently overseeing app verification and preparing for commercial launch on the Play Store.

Full-Stack Developer — June 2024 – Aug. 2024
E-commerce Clothing Website — *Bhubaneswar, Odisha*

- Grew a fully-functional e-commerce platform, incorporating full CRUD functionality, secure payment gateways, and an interactive shopping experience.
- Executed a responsive web design, achieving 98% compatibility across mobile devices.
- Applied Firebase for secure authentication and smooth user login experience.
- Explore the live project: E-commerce Clothing Website.

PROJECTS

Malon: Salon Booking Management System — *React Native, Node.js, Firebase, MongoDB*

- Enhanced a user-friendly mobile app enabling seamless salon service bookings, with integrated features for real-time appointment management.
- Optimized the backend using MongoDB and Express.js to ensure fast data retrieval and secure management.
- Implemented Firebase for real-time updates, user authentication, and notifications, ensuring a smooth user experience.

E-Commerce Clothing Platform — *React.js, Node.js, MongoDB*

- Built a dynamic and scalable online store with features such as cart management, secure payment integration, and dynamic product listings.
- Utilized responsive design principles to ensure the platform's accessibility and responsiveness across a wide range of devices.
- Incorporated user-friendly interfaces with real-time data updates to enhance the shopping experience.

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**: MongoDB, Firebase (Firestore)
- **Tools**: Git, Postman, VS Code, npm
- **Soft Skills**: Analytical Thinking, Team Collaboration, Agile Methodologies