

SAMRAT SAMANTA

Software Developer | Mobile Application Developer

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PROFESSIONAL SUMMARY

Software Developer with experience in developing cross-platform mobile applications and web-based solutions. Skilled in mobile application development, user interface development, database management, application programming interfaces, software testing, and performance optimization. Proficient in Java and JavaScript, with practical experience using development and version control tools. Experienced in developing scalable applications, implementing responsive interfaces, troubleshooting software issues, and contributing to the complete software development process. Demonstrated leadership and teamwork experience as Student Chief Coordinator of the CyberCell at BCET Durgapur, with responsibilities in event management and project coordination. Qualified in the TCS iON National Qualifier Test.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C

Mobile Development: React Native, Expo

Web Development: HTML, CSS, Responsive Web Design

Backend and Database: Firebase, MySQL, REST API

Development Tools: Git, GitHub, Visual Studio Code

Core Skills: Object-Oriented Programming, Data Structures, API Integration, Cross-Platform Development, Problem Solving

EXPERIENCE

Software Engineer – Bee10 EdTech

Kolkata, West Bengal, India | April 2026 – August 2026

Develop and maintain web and mobile applications for an EdTech platform, contributing to feature development, responsive UI implementation, debugging, testing, performance optimization, and deployment. Implement and integrate application features based on product requirements while developing reusable and maintainable components. Troubleshoot software and UI issues through systematic debugging and functional testing to improve application reliability, responsiveness, and user experience. Contribute to the end-to-end software development lifecycle, from development and testing to optimization and production deployment.

PROJECTS

BookMyDoc - Healthcare Appointment System

- Engineered a healthcare appointment application enabling users to search for doctors, book appointments, and manage scheduling.
- Integrated REST APIs for seamless data retrieval and optimized API performance to deliver a responsive, user-friendly mobile experience.

Message Me - Real-Time Chat Application

- Designed a real-time chat application using React Native and Firebase Firestore to enable instant messaging with persistent chat history.
- Integrated Cloudinary for secure image uploads and optimized data synchronization for a seamless, responsive user experience.

Mentora - Ed-Tech Learning Platform

- Built a mobile learning platform using React Native and Expo, integrating Hygraph CMS with GraphQL APIs for dynamic content management and efficient data retrieval.

EDUCATION

Bengal College of Engineering & Technology, Durgapur (MAKAUT)

2023 - 2027

B.Tech, Computer Science & Engineering - CGPA: 7.5

Khila Gopimohan Siksha Sadan, Howrah, West Bengal

2021 - 2022

Higher Secondary (WBCHSE) - 87.2%

Balichak High School, Howrah, West Bengal

2019 - 2020

Secondary (WBBSE) - 84.28%

ACHIEVEMENTS

- Qualified TCS iON National Qualifier Test (NQT)
- Student Chief Coordinator, CyberCell, BCET Durgapur
- Delivered multiple cross-platform mobile applications using React Native and Expo

LANGUAGES

Bengali (Native), Hindi (Native), English (Professional Working Proficiency)