

MALAY JOSHI

SOFTWARE DEVELOPER | REACT NATIVE | ANDROID | PYTHON & DJANGO

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PROFESSIONAL PROFILE

Software Developer with hands-on experience building cross-platform mobile and web applications using React Native, Android, Python and Django. Experienced in reusable component development, REST API integration, responsive interfaces, testing, debugging and secure application development. MSc Cyber Security graduate with additional experience in blockchain, backend development and secure coding.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, HTML, CSS, SQL, PHP, TypeScript, Kotlin

Frameworks: React & React Native, Django, Node.js, Express

Mobile: Android Development, Android Studio, VS Code

Backend & APIs: REST APIs, Database Integration

Blockchain: Ethereum, Solidity, Ganache, Sepolia

Tools: Git, GitHub, Postman, Linux

Practices: Agile, Testing, Debugging, Secure Coding, Responsive Design

AI Development: AI-assisted coding, debugging, code review, documentation

PROFESSIONAL EXPERIENCE

Web Developer | Neura Infotech

US (Remote) | Nov 2025 - Feb 2026

- Contributed to full-stack web development by integrating frontend components with backend logic, databases, and API functionality.
- Designed and implemented responsive web solutions focused on usability and a consistent user experience across devices.
- Collaborated with team members to deliver scalable application features and resolve development issues during implementation.

Web Development Intern | OctaNet Services Pvt Ltd

India | Mar 2024 - Jun 2024

- Developed frontend and backend components for responsive web interfaces and user-focused features.
- Tested and debugged applications, resolving defects to ensure reliable user workflows.
- Collaborated on feature implementation and continuous improvements throughout the development lifecycle.

React Native Developer | DioneApps / DioneApps Private Limited

India | Jan 2023 - May 2024

- Developed reusable React Native components and mobile app features that work consistently across devices.
- Collaborated with designers and backend teams to integrate APIs and ensure seamless, reliable app functionality throughout the user journey.
- Investigated performance and UI issues through thorough testing and bug resolution, enhancing app stability and usability.
- Implemented input validation and ensured secure data handling within mobile app features.

Android Developer Intern | BrainyBeam Technologies Pvt Ltd

Ahmedabad, India | May 2021 - Jun 2022

- Supported development of a consumer grocery-delivery application from early product discovery through feature implementation.
- Contributed to application testing, debugging, and enhancements, gaining hands-on experience in Android development.
- Assisted with roadmap planning and collaborated with the development team to enhance functionality and user experience.
- Improved system performance by 40% and supported scalability by applying robust architecture and development best practices.

PROJECTS

Blockchain-Based Mobile Device Theft Prevention System

Android | Ethereum | Solidity | Node.js | Express | REST API

- Developed an Android anti-theft application that registers devices, reports lost devices and checks device status through a blockchain-backed workflow.
- Implemented Ethereum smart contracts with registrar and authority roles, using SHA-256 hashing to protect sensitive device identifiers.
- Built a Node.js and Express REST API connecting the Android application to the blockchain layer, with testing performed using Ganache and Sepolia.

Django Authentication System

Python | Django | Authentication | Web Development

- Built registration, login, logout, password reset and profile-management functionality using Django.
- Implemented password hashing, sessions and protected routes to support secure user authentication and access control.
- Designed a responsive, user-friendly interface and structured the application for future role-based access control enhancements.

Kopi Trip – Travel App

React Native | Java Script | Expo

- Developed a cross-platform mobile travel application using React Native and JavaScript, designed to provide users with a seamless travel planning and discovery experience.
- Implemented responsive and user-friendly interfaces, integrated travel-related features and APIs, and focused on delivering smooth navigation and an intuitive mobile experience across Android and iOS.

EDUCATION

MSc Cyber Security | Birmingham City University

2024 - 2025

BE Computer Engineering | Ahmedabad Institute of Technology

2019 - 2022

CERTIFICATIONS & TRAINING

- CompTIA Security+ (SY0-701) - In Progress
- Ethical Hacking Essentials - EC-Council (2025-2028)
- Python and Django Framework for Beginners - Udemy
- Software Development Processes and Methodologies - Coursera
- Programming for Everybody: Getting Started with Python - University of Michigan

PUBLICATION

Decentralized Mobile Device Theft Prevention Using Ethereum Blockchain - Manuscript submitted to Mobile Networks and Applications, Springer Nature.