

# SHAKIL RIDMIKE

MOBILE APPLICATION  
DEVELOPER INTERN

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## ABOUT SHAKIL

As a Computer Science undergraduate, I have a strong passion for mobile application development, specializing in Flutter and React Native. My experience spans designing intuitive user interfaces, analyzing system requirements, and delivering innovative solutions. Beyond technical skills, I thrive in collaborative environments, working effectively within teams using agile methodologies. I am also familiar with web development, frontend technologies, and backend integration. Adaptable and eager to learn, I am looking for an internship opportunity where I can apply my expertise, enhance my problem-solving abilities, and contribute to impactful software solutions.

## PROJECT EXPERIENCE

### Traveleon (Individual)

2025

- This project involves the development of a comprehensive digital platform tailored for solo tourists visiting Sri Lanka. It addresses key challenges such as fragmented travel information, navigation issues, and safety concerns. The app integrates real-time data, certified tour guides, transport updates, and AI-powered features like landmark recognition and personalized recommendations.

#### Key Contributions:

- Project Management & Development: Spearheaded the entire development process, from design to deployment, ensuring alignment with user needs and tourism trends.
- Created intuitive and user-friendly interfaces using React Native and Figma, enhancing the solo traveler experience.
- Integrated AI/ML models with TensorFlow.js for landmark recognition and personalized recommendations.
- Utilized Firebase services for authentication, real-time data synchronization, and serverless business logic.

### TidyDoc (Individual)

2025

- TidyDoc is a modern, React Native-based mobile app designed to help busy professionals manage daily tasks efficiently through an intuitive and visually appealing interface.
- The app supports complete task management, including creating, editing, viewing, and deleting tasks, along with secure authentication and real-time updates via RESTful API integration.

#### Key Highlights

- Designed and implemented the entire app interface using React Native, TypeScript, and Expo.
- Integrated mock REST APIs using Axios for all CRUD operations.
- Developed user authentication flow using JWT, including login, signup, and protected routes.
- Managed application state using Zustand for efficient and scalable data handling.

### Green Ride (Group)

2024

- GreenRide is an innovative flutter-based mobile app designed for NSBM Green University students and staff.
- It simplifies transportation by providing accurate public transportation information, including bus schedules and route planning.
- Green Ride also promotes eco-friendly practices through carpooling, allowing users to share rides and reduce their environmental impact.

#### My role In team(UI/UX Designer and Project Lead)

- Spearheaded the overall project development.
- Designed and implemented key user interface pages for public transport schedules and ride-sharing functionalities, ensuring user-friendly and intuitive experiences.
- Integrated Firebase Firestore database, ensuring seamless data management and real-time synchronization across the application.
- Collaborated with cross-functional teams to deliver a robust and scalable application.

- To modernize patient data management in public healthcare systems, a comprehensive Medical Information Management System (MIMS) was developed and integrated with QR code identification.
- Focusing on moving from manual record-keeping to digital solutions, we aimed in this project at increasing efficiency, decreasing errors, and enhancing patient care while maintaining healthcare data privacy standards, thus allowing for fast and secure access to medical records.
- Tools Utilized: PyQt5, Firebase Realtime Database, Pillow, OpenCV2, Printer Library, Bootstrap 5.3, PHP

**My role in team (Full-Stack Developer and QA Analyst)**

- Designed and implemented the Student Account Creation Module, ensuring seamless registration and login functionalities.
- Conducted a Critical Analysis of the Test Strategy, identifying areas for improvement to enhance testing efficiency and coverage.
- Developed a comprehensive Functional Test Plan, outlining test scenarios, cases, and execution steps to ensure feature reliability and usability.

**EDUCATION****BSc (hons) Computer Science****2022 - Present***National School of Business Management (NSBM)*

Pursuing a BSc. (Hons) in Computer Science at NSBM Green University, affiliated with the University of Plymouth, UK. Developing a strong foundation in mobile application development, software engineering principles, and problem-solving, with a keen interest in innovation and real-world application of technology.

**TECHNICAL SKILLS**

HTML - Intermediate  
CSS - Intermediate  
JavaScript - Beginner  
TypeScript - Beginner  
React.js - Intermediate  
Angular - Intermediate  
React Native - Intermediate  
Flutter - Intermediate  
C# - Beginner  
Figma - Beginner  
SQL - Intermediate  
Python - Beginner  
MongoDB - Beginner

**SOFT SKILLS**

Communication  
Teamwork  
Problem-solving  
Time Management  
Leadership  
Critical Thinking  
Project Management

**REFERENCES****Ms Hirushi Dilpriya**

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Green University  
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**DECLARATION**

I confirm that the details mentioned in this resume are accurate, free of mistakes and complete to the best of my knowledge.

Shakil Ridmike.