Faizal Amaan

Software Engineer

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 github.com/Faizal2017

PROFILE

Motivated 4th-year Software Engineering undergraduate at SLIIT (CGPA: 3.67/4.0) with strong skills in Java, Python, C, C++, Next.js, MERN stack, and AI/ML. Proficient in OOP, Data Structures, and Algorithms, with excellent logical thinking and problem-solving abilities. Experienced in developing scalable web and mobile apps through academic projects. Seeking a software engineering internship to apply technical skills and contribute to impactful solutions.

SKILLS

- **Programming Languages:** Java, Python, C++, PHP, C, JavaScript
- **Web Development:** React, Next.js, Node.js, Express.js, Tailwind CSS, Bootstrap, HTML, CSS, JavaScript
- **Databases:** MySQL, MongoDB, Oracle, SQL
- **AI/ML Tools:** Google Colab, Python (TensorFlow)
- **Tools:** Git, GitHub, Figma, Postman, VS Code, Android Studio, Eclipse, XAMPP
- **Others:** UI/UX Design, Responsive Design, API Testing, Agile Development

EDUCATION

BSc (Hons) in Information Technology Specialized in Software Engineering 2022 – 06/2026
Sri Lanka Institute of Information Technology (SLIIT) Srilanka
- **CGPA:** 3.67/4.0
- **Dean's List Award:** Year 2 Semester 1 (GPA 3.89/4.0), Semester 2 (GPA 3.88/4.0)

HND in Information Technology 06/2022 – 06/2024
Srilanka Institute Information Technology Srilanka

GCE Advanced Level - Commerce Stream 2018 – 2020
St. Thomas College Matale Matale

PROJECTS & EXPERIENCES

Food Ordering & Delivery System – Mobile & Web Application ⧉
- Developed a MERN stack-based food delivery platform using microservices architecture, with separate services for users, riders, restaurants, and admin, featuring React web and React Native mobile apps with real-time tracking, order management, Kafka for inter-service communication, and Docker for containerized deployment.
- Technologies: React, React Native, Node.js, MongoDB, Express.js Kafka, Docker

Rental platform Platform - Web Application ⧉
- Developed a modern rental platform using Next.js, enabling property owners to list properties for Rent
- Technologies: Next.js, MongoDB, Tailwind CSS, Google OAuth2, Mapbox.

Garbage Collection System - Mobile & Web Application
- Developed a system with web and mobile apps for admins, customers, and garbage collectors,enabling bin orders, QR-based garbage tracking, and real-time waste level monitoring.
- Technologies: TypeScript, Firebase, Tailwind CSS

Shopping App for Visually impaired - Mobile & Web Application
- Developed ShopX, an assistive shopping application for visually impaired users, featuring text-to-speech support, shopping list management, barcode scanning, and a full admin-side product and billing system.
- Technologies: React Native**,** TypeScript**,** Node.js, Express.js, MongoDB, and Tailwind CSS.

AWARDS

Dean's List - year 2 Semester 1 **Dean's List - year 2 Semester 2**
- GPA - 3.89/4.0 • GPA - 3.88/4.0

REFERENCES

MRS K.R.C Koswatte, *Lecturer / Manager Accadamic Affairs,* SLIIT Kandy/Kurunagala Campus
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