

Pasindu Nimesh Subasingha

Software Engineering Undergraduate



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Colombo ,Sri Lanka

PROFILE

Final-year Software Engineering undergraduate with hands-on professional experience as an Intern Software Engineer and an equal, genuine passion for both software development and UI/UX design. I combine a solid foundation in building efficient, scalable full-stack mobile and web applications with proven expertise in delivering intuitive, delightful, and user-centered digital experiences owning the complete design process from user research, wireframing, and high-fidelity prototyping to usability testing and pixel-perfect front-end implementation. I thrive in collaborative environments where strong technical execution meets thoughtful design, enjoy working closely with developers, designers, and product teams, and am driven by creating clean, reliable code alongside beautiful, easy-to-use interfaces that genuinely solve problems and bring satisfaction to users. My goal is to grow into a versatile professional who seamlessly bridges robust software engineering with outstanding user experience design.

PROFESSIONAL EXPERIENCE

Intern Software Engineer (Full-Stack & UI/UX)
Excello Developers (PVT) Ltd
June 2025 – Present (6 months)

- Designed the complete UI/UX for a consumer-facing cross-platform mobile application (TheBae) and a company-wide Internal HR Management System using Figma covering user research, wireframing, high-fidelity prototyping, and usability testing
- Developed clean, responsive, and pixel-perfect front-end interfaces for both the mobile and web applications
- Built and maintained key backend features and developed multiple REST APIs that drive core functionality in both systems
- Integrated APIs across front-end and backend layers to enable seamless data flow and real-time interactions
- Containerized services with Docker and managed cloud deployment for reliable, scalable production environments
- Actively contributed in Agile workflows including daily stand-ups, sprint planning, code reviews, and feature delivery using Jira and Git

EDUCATION

Undergraduate BSc(Hons) Software Engineering
General Sir John Kotelawala Defence University
2022 – present | Rathmalana, Sri Lanka

G.C.E A/L Physical Science
Sri Sumangala College
2017 – 2020 | Panadura, Sri Lanka

CERTIFICATES

- Introduction to Front-End Development - Meta [🔗](#)
- Flutter and Dart: Developing iOS, Android, and Mobile Apps - IBM [🔗](#)
- Foundations of User Experience (UX) Design - Google [🔗](#)
- Oracle SQL Explorer -Oracle [🔗](#)
- Postman API Fundamentals Student Expert - Postman [🔗](#)
- IT Essentials - Cisco [🔗](#)
- Python for Beginners - Center for Open & Distance Learning (CODL), University of Moratuwa [🔗](#)
- Web Design for Beginners - Center for Open & Distance Learning (CODL), University of Moratuwa [🔗](#)
- Foundations of Project Management - Center for Open & Distance Learning (CODL) ,University of Moratuwa [🔗](#)
- CCNA : Introduction to Networks - Cisco [🔗](#)



ACHIEVEMENTS

IEEE Xtreme 18.0 Global Competition 2024

Island Rank 81st & World Rank 911th Team
(19 000+ Participants around worldwide)

VOLUNTEERING EXPERIENCE

Public Visibility Standing Committee Head

IEEE Student Branch, KDU
2024 – 2025

Organizing Committee Member – Design Team

IEEE Computer Society Chapter, KDU
2023 – 2024

Design Team Member

BCS Student Chapter, KDU
2023 – 2024

Publicity Team Member

Rotaract Club, KDU
2022 – 2023



SOFT SKILLS

- Creativity
- Leadership
- Team Collaboration
- Problem-Solving
- Communication
- Time Management
- Adaptability
- Attention to Detail
- User Empathy



REFERENCES

Dr. BVKI Vidanage,

Head of the department,
Department of Computer Science,
Kotelawala Defence University
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Dr. ADAI Gunasekara,

Senior Lecturer Grade I,
Department of Computer Science,
Kotelawala Defence University
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</> TECHNICAL SKILLS

Software Engineering & Development

- **Languages:** Java , JavaScript , TypeScript , C# , Python , Dart, C++ , C , SQL , HTML5 , CSS3
- **Frameworks & Libraries:** Flutter , React.js , Redux , .NET Core , FastAPI , Bootstrap , Tailwind CSS , Vite
- **Cloud & DevOps:** Google Cloud Platform (GCP) , Docker , Git , GitHub , GitHub Actions , CI/CD Basics
- **Databases:** Firebase (Firestore & Realtime) , MySQL , Microsoft SQL Server
- **Tools:** Postman , Notion , Visual Studio Code , Android Studio , Xcode

UI/UX Design

- **Design Tools:** Figma , Photoshop , Illustrator
- **Design Expertise:** User Research , Wireframing , High-Fidelity Prototyping , Interaction Design , Design Systems
- **UI Principles:** Visual Hierarchy , Typography , Color Theory , Accessibility



PROJECTS

Sinhala Handwritten OCR Mobile Application (Final-Year Project) – 2025 ↗

Built a complete mobile solution that converts handwritten Sinhala text into editable digital format. Trained a custom deep learning model using CNN and LSTM architectures, developed a FastAPI backend, and deployed it on Google Cloud Platform with automated CI/CD pipelines. Connected the backend to a responsive Flutter front-end for real-time scanning, text extraction, and export features.

Sales Management System – 2025 ↗

Developed a full-stack enterprise sales and inventory platform using .NET Core, React, Redux, Tailwind CSS, AutoRoute, and Microsoft SQL Server. Enables complete management of customers, items, orders, and sales tracking with clean dashboards and supports exporting sales reports and invoices as PDF files.

Vizo Vote - Automated Election Vote Counting System – 2024 ↗

Developed an automated vote counting system for Sri Lanka's elections using real-time camera integration, ballot image recognition, and distributed agents for real time results

Student Management System – 2024 ↗

A simple web-based project for managing student enrollment, academic semesters, and subjects, ensuring efficient academic administration.

Budget Tracker Mobile App – 2023 ↗

A mobile app for managing personal finances, allowing users to track expenses, incomes, view summaries, and create budget plans. It provides categorized transactions and analytics for better financial control.

Opteze Website Redesign (UI/UX) – 2025 ↗

Complete UX overhaul and responsive redesign for a global apparel-tech company's corporate website.

AI-Powered Calculator App (UI/UX) – 2024 ↗

Modern, accessible calculator interface with AI-driven personalized calculation suggestions.

Sustainable Tourism Experience App (UI/UX) – 2024 ↗

Cross-platform application promoting eco-friendly tourism in Sri Lanka with seamless booking and educational features.