

Pasindu Chamod Madusha

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Skills

Programming Languages: Java, JavaScript/TypeScript, Python, C, C#, C++, SQL.

Technologies & Tools: ReactJS, NodeJS, SpringBoot, Express, GraphQL, MySQL, SQLite, MongoDB, PostgreSQL, Prisma, Unity, React Native, Git, HTML/CSS, Jest

Experience

Fcode Labs – Colombo, Sri Lanka.

May 2024 – Oct 2024

Associate Software Engineer

Full-stack development in the Progress Magic Health Care Application. <https://www.progressmagic.com/>

- Developed and deployed key application features, including modularization of components, integration of social login mechanisms (Google, Facebook, Microsoft), and Stripe payment gateway integration for secure transactions.
- Optimized application performance, contributing to a significant reduction in production time, and actively collaborated with cross-functional teams to deliver project goals demonstrating an over 100% effort to meet project timelines.
- Enhanced my technical skills and collaborated effectively with professionals, receiving positive feedback on my contributions.

Fcode Labs – Colombo, Sri Lanka.

Nov 2023 – May 2024

Software Engineer Intern

Full-stack development in ramp-up projects and Progress Magic Application.

- Initiated my professional career by contributing to ramp-up projects, utilizing my knowledge in technologies **TypeScript, NodeJs, NestJS, ReactJS, PostgreSQL, and GraphQL.**
- Completed a six-month intensive training in full-stack development, enhancing user interfaces and RESTful APIs while ensuring code quality and optimal system performance.

Education

Bachelor of Science, Computer Science & Engineering.

Expected Graduation: Jun 2025

University of Moratuwa – Moratuwa, Sri Lanka.

Courses: Data Structures & Algorithms, Database Systems, Computer Architecture, Data Communication & Networking, Machine Learning, Deep Learning & Neural Networks

Activities: Web Master, ACM Student Chapter, University of Moratuwa (2023-2024)

Graphic Designer, for the largest Tech Exhibition of Sri Lanka EXMO Engineering Exhibition 2023

High School

2010 - 2019

Ananda College – Colombo 10, Sri Lanka

G.C.E A/L 2019: 3 A's (Physical Science Stream), G.C.E O/L 2016: 9 A's, Credit pass in Tamil (2017).

Projects

Interactive Book Reader with Augmented Reality Features – [GitHub](#)

Jun 2023 – Nov 2023

- Led a team to develop a cross-platform AR-enhanced e-reading experience by building a unified platform accessible across web and app, integrating features like cross-platform syncing, text-to-speech, dictionary, and real-time translations to enhance user engagement utilizing **MERN** tech stack for web and **ReactNative** for Mobile App.
- Developed and refined AR integration using Unity, enhancing the digital reading experience with real-time 3D model interactions and ongoing platform optimizations.

Online Reservation System – [GitHub](#)

Oct 2022 – Dec 2022

- Developed an online booking system for hotels and resorts using **MySQL, Java, SpringBoot, HTML, CSS, and Bootstrap**, implementing dynamic discounts based on users' trip history and preferences.
- Maintained a location hierarchy for resorts, managing internal/external travel, and tracking staff and revenue for each hotel and room.

Interests: Watching Sports (Cricket & Football), Exploring Different Cultures Around the World, Exploring Global History and Politics