

PARANIETHARAN PALASUNTHARAM

Software Engineer Intern

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Summary

Dynamic self-starter looking for an opportunity to leverage my knowledge in full-stack development as a **Software Engineer Intern**. Seeking to apply my problem-solving and analytical skills to help improve customer experiences and promote efficient software development processes.

Skills

Programming Languages: C, C++, Java, Python, JavaScript

FrontEnd Technologies: CSS, ReactJS, MUI, TailwindCSS

BackEnd Technologies: Springboot

Database and Cloud Services: MongoDB, PostgreSQL, MySQL, AWS, Azure

Version Controlling: Git

Languages: English(Professional), Tamil(Native)

Soft Skills: Problem Solving, Creativity, Self Learning, Team Work, Coordination, Communication, Leadership

Others: Figma, Postman, Cisco Packet Tracer, LucidChart

Education

University of Moratuwa

(2022 – Present)

BSc.(Hons) in Information Technology

Projects

Aora - AI-Generated Educational Content Sharing App

- Utilized Appwrite to implement backend functionalities like user authentication, database management, and real-time data synchronization.
- Created a user-friendly interface using React Native and Nativewind, ensuring accessibility and a smooth user experience.
- **Technologies:** React Native, Nativewind, Appwrite

Glamod E-commerce Application (Enterprise Application Development Project)

- Designed and developed a full-stack e-commerce platform using React, Spring Boot, and Node.js.
- Integrated a payment gateway and secure user authentication, optimizing database queries and reducing page load time by 40%.
- **Technologies:** Spring Boot, MySQL, Docker, Microservices

Web-based Library Management System

- An application that helps school students, teachers, and librarians manage day-to-day book lending activities. The key features of this system are to track the book lending history, chat support with the librarian, complaint management & fine management.
- Deployed the system on Azure, ensuring high availability and scalability.
- **Technologies:** React.js, Spring Boot, MySQL

TradeConnect - E-Commerce Platform

- Developed an e-commerce platform for shop owners to list and sell products online.
- Integrated real-time analytics for shop owners to gain insights into sales and customer behavior.
- **Technologies:** React.js, Spring Boot, MySQL

Automatic Sandwich Making Machine

- Engineered an automated sandwich-making machine capable of dispensing precise ingredient portions.
- Integrated sensors and motor control systems to ensure accuracy and reliability, achieving a precision rate of 90%.
- **Tools:** Arduino, Sensors (Ultrasonic, IR), Stepper Motor, Servo Motor

Certifications

Introduction to Databases (Coursera)

Python for Data Science, AI & Development (Coursera)

Introduction to DevOps(Coursera)

Programming in Python (Coursera)

AWS Cloud Technical Essentials (Coursera) - Ongoing

Non Related Referees

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