Paranietharan Palasuntharam

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 Paranietharan Palasuntharam | Paranietharan |
Kilinochchi, Northern Province.

OBJECTIVE

Aspiring Software Developer with experience in full-stack development and microservices architecture. Skilled in building scalable web and mobile applications using React.js, React Native, Spring Boot, and Docker. Seeking a Software Engineer Intern role to contribute innovative solutions and grow in a collaborative environment.

EDUCATION

- **University of Moratuwa**   *June 2022 - present*
  Bsc.(Hons) in Information Technology   Colombo
  ◦ GPA(L2S1): 3.33

- **Kn/Kilinochchi Maha Vidyalayam**   *May 2018 - Nov 2020*
  Advance level   Kilinochchi
- **Kn/Thiruvaiaru Maha Vidyalayam**   *Jan 2006 - Dec 2017*
  Ordinary Level   Kilinochchi

PROJECTS

- **Aora - AI-Generated Educational Content Sharing App**

  ◦ **Technologies:** React Native, Nativewind, Appwrite
  ◦ Utilized Appwrite to implement backend functionalities, including 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.

- **E-commerce Microservice (Enterprise Application Development Project)**

  ◦ Designed and developed a fill-stack e-commerce platform using React, Spring boot and Node.js.
  ◦ Integrated a payment gateway and secure user authentication.
  ◦ optimized database queries, reducing page load time 40%

- **Web-based Library Management System**

  ◦ Created a web-based library management system for a mid-sized company using React js and Spring Boot.
  ◦ Implemented role-based access control and real-time data updates using WebSockets.
  ◦ Deployed the system on Azure, ensuring high availability and scalability.
  ◦ Reduced manual effort by 40% through efficient inventory management and optimized data retrieval processes.

- **Automatic Sandwich Making Machine**

  ◦ **Tools:** Arduino, Sensors (Ultrasonic, IR), Stepper Motor, Servo Motor
  ◦ 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 90%.
  ◦ Created and implemented a control interface for real-time monitoring and ease of operation.

CERTIFICATIONS

- **Introduction to Databases for Back-End Development** – Coursera
- **Python for Data Science, AI & Development** – Coursera
- **Introduction to DevOps** – Coursera
- **Programming in Python** – Coursera

TECHNICAL SKILLS

Programming Languages: JavaScript, **Java**, Python, C, C++
Web Development: CSS, **React.js**, **Spring Boot**
Mobile Development: React Native, **Flutter**
Databases: **MySQL**, PostgreSQL, **MongoDB**
DevOps & Tools: **Docker**, **Git**, **GitHub**, AWS, Azure

SOFT SKILLS

- Communication
- Time Management
- Teamwork
- Adaptability
- Problem-Solving
- Organization
- Critical Thinking
- Attention to Detail

ADDITIONAL INFORMATION

Languages: Tamil (Native proficiency), English (Working proficiency)
Interests: Travelling, Photography, Music

REFERENCES

Dr. Thilina Thanthriwatta
Director of Undergraduate Studies, Senior Lecturer
Faculty of Information Technology,
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Dr. MFM Firdhous
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