Pasan Udara Dias

Associate Software Engineer

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- 🔗 Portfolio Website

Profile

A solid foundation in full-stack software development practices, eager to apply technical skills in challenging environments. Recognized for a proactive approach to continuous learning and effective contributions, with a strong interest in engaging with dynamic, forward-thinking projects. Ready to embrace new challenges and grow professionally, with a keen attention to detail.

Professional Experience

Intern Software Engineer   07/2024 – Present
Cypso Labs (Pvt) Ltd ⬈   Wadduwa

- Contributed to JavaScript and TypeScript projects (MERN, Next.js, React.js, React Native, Express.js) using Agile methodologies, ClickUp, and Git for project management and version control.
- Collaborated with teams to design, implement, and troubleshoot solutions, improving user experience and deployment speed.
- Developed skills in software development, collaboration, communication, problem-solving, and teamwork.

Education

Bachelor of Information Communication Technology(Hons)   2020 – present
Rajarata University of Sri Lanka ⬈   Mihintale
Current GPA: 3.2 | Current Credits: 110

Mathematics | Technology   2001 – 2015
Siridhamma College   Galle

Skills

HTML | CSS | Java | Javascript | Typescript | Python | Git | ReactJS |
Tailwind CSS | React Native | MERN | ExpressJS | MySQL | MongoDB | OOP |
Agile Methodologies | API development

Projects

Lottery Mobile Application   10/2024
Used React Native, Expo, NPM, Typescript, and collaboration using Git enabling me to develop frontend screens with dynamic features, handling states, bug fixes, and apply best coding practices.

Weather Application Backend API ⬈   06/2024
  NodeJS backend that stores users' emails, and locations, and sends
  weather reports, every 3 hours automatically. Used ExpressJS, MongoDB,
  NodeMailer, and OpenWeatherMap API stacks. Deployed in Vercel using Git
  and Tested using Postman.

User Management System ⬈   06/2024
  User management system using HTML, CSS, Bootstrap, JavaScript for
  frontend & PHP for backend, and using MySQL DataBase.

MERN stack CRUD application ⬈   03/2024
  Web application for performing CRUD operations to manage user accounts.
  Using ReactJS, ExpressJS, MongoDB, NodeJS, and NPM.

Classic Ciphers for Encryption and Decryption ⬈   12/2023
  For message Encryption and Decryption simple security techniques
  implementation using Python

Expenses Management Android Application ⬈   06/2023
  Simple wallet for storing income, expenses, and transactions performing
  CRUD. Used Android Studio, Java, XML, SQLite database and dive into OOP
  concepts

Courses and Certificates

Postman API Fundamentals Student Expert ⬈ — Postman Academy

Introduction to Cloud Computing ⬈ — IBM, Coursera

Python for Beginners | Web Design for Beginners — University of Moratuwa

Introduction to Spark AR Course by Meta — Meta, Simplilearn

Introduction to DevOps Tools | AWS | CI/CD for Beginners — SkillUp, Simplilearn

MERN Stack Development | Java Fundamentals — Udemy

Volunteering

Web Developing Team Member   2023
Association of Technology IT, RUSL   Mihintale

References

Mr. P.G. Nipun Kaveendra, *Engineer Technology - Java,* Virtusa
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