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ASHANI DEWMINI

SOFTWARE ENGINEER

PROFILE

Fresh graduate in Software Engineering with strong analytical and problem-solving skills. Seeking a position to develop expertise and contribute to innovative projects. Eager to collaborate with a dynamic team, tackle complex challenges, and deliver impactful solutions. Passionate about leveraging cutting-edge technologies to create efficient, user-friendly applications.

WORK EXPERIENCE

Software Engineer Intern & Associate - Neura IT (formerly FagginApps Pvt.Ltd.)

Intern Software Engineer (Feb 2024 - Aug 2024)

- Worked as a full stack developer with exposure to the following technologies (React.js , Node.js, Express.js, JavaScript, TypeScript, Next.js, MongoDB, Tailwind CSS, Cloudinary)
- Practiced Agile methodology

Associate Software Engineer (Aug 2024 - Oct 2024)

- Continued development and maintenance of full-stack applications.
- Took on additional responsibilities, including leading small projects and mentoring junior team members.

EDUCATION

BSc. (Hons) in Information Technology, Specializing in Software Engineering (Second Class – Lower Division) 2021 - 2025

Sri Lanka Institute of Information Technology (SLIIT)

G.C.E Advanced Level 2019

Girls' High School Kandy

- Biology - B , Chemistry - S , Physics - S

TECHNICAL SKILLS

- **Programming Languages:** Java, Node.js, React.js, Next.js, C, C++, Flutter, Python, JavaScript, SQL.
- **Technologies & Tools:** VS Code, MongoDB, Postman, Firebase, Figma, Jira, Anaconda, Jupyter Notebook, AWS, Azure, Docker, Kubernetes, GCP, GitLab, GitHub .

EXTRA-CURRICULAR AND VOLUNTEER ACTIVITIES

- **A committee member of school senior committee : President of SCM**
2016 - 2017
- **A committee member of school astronomical society**
2017

CERTIFICATIONS

- **Introduction to cloud computing** - Coursera
 - **Git and GitHub Essentials** - Coursera
 - **Introduction to Artificial Intelligence** - Simplilearn
 - **Machine Learning** - Simplilearn
 - **JavaScript** - Sololearn
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PROJECTS

Todly Mobile Application - Final Year Research Project

The final year research project involved the development of a smart toddler monitoring system aimed at enhancing child safety through real-time object detection and alert mechanisms. As the team leader, the project demonstrated strong leadership and technical skills, applying software engineering and machine learning techniques to create innovative solutions that prioritize child safety and well-being.

(Technologies - Flutter, Flask, Machine Learning)

Pinky's Web Application - Internship Project

Developed Pinky's, an e-commerce web application specializing in selling clothes. Worked on both the frontend and backend to create a seamless shopping experience. This project enhanced my expertise in building full-stack applications and optimizing overall application performance.

(Technologies - Node.js, Next.js, Express.js, MongoDB)

Programming Environment For Beginners - Group Project

Developed a user friendly JavaScript IDE named "DevMind". This enables users to write, execute and save JavaScript codes efficiently. Implemented the AI based virtual mentor, Project vault, code review and feedback functions.

(Technologies - Node.js, React.js, Express.js, MongoDB)

HerbMart E - Commerce Web Application - Group Project

Created a microservices-based e-commerce web app using Docker and Kubernetes for scalability. Users can browse, shop, and securely complete transactions. Implemented an admin panel for sellers, streamlining product management. Resulted in enhanced user experience, increased sales, and efficient seller support.

(Technologies - Node.js, React.js, Express.js, MongoDB)

Cafeteria Management System - Client Based Project

Developed a Cafeteria Management System encompassing eight key functions, including employee and customer management, menu customization, order processing, supplier and stock management, financial accounts, and progress tracking. Enabled efficient operations and report generation. This project reflects my ability to create comprehensive software solutions that optimize cafeteria management, enhance user experience, and facilitate data-driven decision-making.

(Technologies - Vue.js, Fast API, MySQL)

REFERENCES

Dr. Kalpani Manathunga

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