Portfolio

Software Engineer

Lakshana Kugaraj
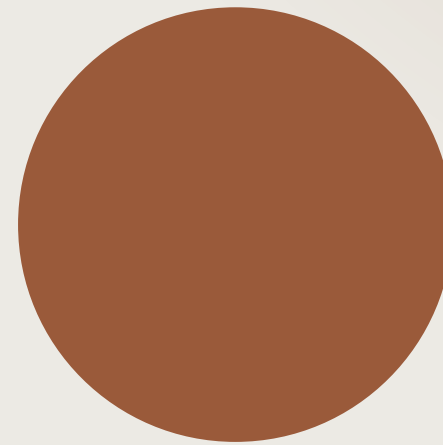
lakshanak@gmail.com
0753184352

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Welcome

To My Portfolio !

I am a software engineer dedicated to crafting inventive solutions. I earned my degree in Computer Science from the Sri Lanka Institute of Information Technology. Throughout my career, I have focused on developing scalable web applications and data-driven software solutions. My expertise spans full-stack development, encompassing frontend technologies like React.js and Angular, backend frameworks such as Node.js and Django, and proficient management of SQL and NoSQL databases. My professional journey is fueled by a passion for harnessing technology to deliver impactful and efficient software solutions that address user requirements adeptly.

Reflective Journal on what I learned in PPW

Module Experience and Skill Enhancement

Over the past 14 weeks, my involvement in the "Preparation for the Professional World" module has significantly enhanced my communication skills. Through targeted modules on professional writing, public speaking, and effective communication practices, I have made considerable progress in preparing for my career as an IT professional.

Initial Perspectives and Shifting Views

Initially overlooking the module due to its non-GPA status, my perception shifted after engaging with the first lecture. The engaging delivery and relevance of the content quickly captured my interest, prompting a more committed approach to assignments and lectures alike.

Reflection and Personal Development

Reflecting on my journey, I appreciate the opportunity to reassess and refine my communication abilities. This module has allowed me to identify and address weaknesses proactively, ensuring that I enter the IT industry well-prepared and confident in my skills.

Continuous Learning and Advancement

While initially confident in my communication skills, the module underscored the importance of continuous improvement. It has broadened my perspective on the ongoing nature of skill development, reinforcing the idea that there is always room for improvement, regardless of proficiency level.

Conclusion and Future Endeavors

In conclusion, I am thoroughly satisfied with my decision to fully engage with this module. The insights gained have been crucial in pinpointing areas needing improvement and formulating a robust action plan for ongoing growth. Moving forward, I am committed to regular self-assessment and skill refinement to ensure continuous professional development. I extend my sincere appreciation to the lecturers for their guidance, knowing that the skills acquired will be essential in shaping a successful career where effective communication is paramount.

Career Development Plan

Short-term Objectives

1. Strengthen communication skills.
2. Gain hands-on experience as a software engineer.
3. Enhance proficiency in programming.
4. Foster positive relationships within the organization..

Long-term Objectives

1. Pursue postgraduate education for specialized knowledge.
2. Develop effective management capabilities.
3. Attain a leadership role at the executive level.
4. Cultivate extensive professional networks.
5. Achieve industry recognition for contributions and achievements..

Curriculum Vitae

LAKSHANA**KUGARAJ**

✉ lakshanak902@gmail.com | 📱 075 078 1907 |
in linkedin.com/in/lakshana-k-200466128 | ⌨ https://github.com/LakshanaK17
Portfolio - https://portfolio-lakshana-kugaraj.vercel.app/

EDUCATION

SLIIT | BSc Hons in Information Technology   **2024**
- Cumulative GPA: 3.425
- Related Coursework: Data Structures and Algorithm, Cloud Computing, Computer Systems and Network Administration

EXPERIENCE

DGateway Innovations Pvt Ltd   **Colombo, Sri Lanka**
Software Engineer - Team Lead   Jan 2024 – Present
- Collaborated with product managers to redesign a multi-page web application, transforming it into a more streamlined and efficient single-page web app and software testing.

Cloud Parallax Pvt Ltd   **Colombo, Sri Lanka**
Associate Software Engineer   Jan 2023 – Dec 2023
- Developed RESTful APIs that delivered data to the JavaScript front-end, adapting dynamically to user inputs and seamlessly handling a load of over 500,000 concurrent users and conducted code reviews.

Creo360 Pvt Ltd   **Colombo, Sri Lanka**
FullStack Developer Intern   Jun 2022 to Dec 2022
- Teamed up with a developer to establish RESTful APIs , empowering the analytics team to enhance reporting efficiency and did software testing using Selenium.

SKILLS

Technical React JS, .NET, Node JS, Angular JS, AWS, Git, Redux, Tailwind CSS, MYSQL

Language English, Tamil, Sinhala

Interests DevOps, Machine Learning, AR | VR

PROJECTS

1Courier | *Angular JS, Golang, Svelte*   **2023**
- Developed a web app with Angular and Golang, leveraging DynamoDB for data storage.
- Seamless API integration ensures efficient communication between the frontend and backend components.

ContractPlan | *Svelte, Golang*   **2023**
- Developed a web app with Svelte and Golang, leveraging DynamoDB for data storage.
- Seamless API integration ensures efficient communication between the frontend and backend components.

JobArmer | *ReactJS, Redux, .NET*   **2022**
- Developed UIs using Material UI, implementing visually appealing and user-friendly components, layouts, and styles.
- Utilized Swagger to document and test APIs, ensuring their proper functionality and adherence to specifications.

Skin Health Monitoring: Detection and Early Intervention for skin diseases
Flutter   **2024**
- Identifies the disease based on the skin tone of the person and it gives the stage of the disease and provides a solution suitable for the disease

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📞 0753184352   ✉ lakshnak@gmail.com   📍 22, 32nd lane, wellawatte, colombo.