NIRUTHTHIKA ERAMBANATHAN

DESIGNER & DEVELOPER

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PROFILE

I am Niruththika, a final-year student at SLIIT with a passion for design and development. I have experience in React and Flutter mobile development, allowing me to create dynamic and responsive web and mobile applications. My focus is on crafting seamless user experiences through intuitive design and efficient code. I am always eager to explore new technologies and enhance my skills to build innovative digital solutions.

EDUCATION

BSc (Hons) Information Technology

Sri Lanka Institute of Information Technology

2022 - Present

Final year in progress

NVQ Level 3

Computer Resource Center, Vadamarachy Zone

2021 - 2022

Completed

Secondary Education

J/Methodist Girls' High School

2012 - 2022

Completion of O/L & A/L

CERTIFICATIONS

- UOM Online Programme - Python for Beginners
- UOM Online Programme - Web Design for Beginners

SKILLS

- Effective Time Management
- Strong Leadership Skills
- Organizational Efficiency
- Presentation Abilities
- Analytical Problem-Solving
- Continuous Learning

WORK EXPERIENCE

Software Engineering (Intern)　　　AUG 2024 – Mar 2025

Techorin Solutions (Pvt) Ltd

- Worked with PHP, React, and Flutter to develop web and mobile applications.
- Gained hands-on experience in full-stack development through multiple projects.
- Collaborated with teams to build scalable and efficient software solutions.
- Enhanced problem-solving skills by tackling real-world development challenges.
- Improved knowledge of modern development frameworks and best practices.
- Adapted to agile workflows and contributed to project planning and execution.

PROJECTS

KamroAI - Landing Page　　　FEB 2025

- Designed and developed a responsive landing page using HTML and Bootstrap.
- Implemented a clean and modern UI with a mobile-first approach.
- Utilized Bootstrap components and grid system for a structured layout.
- Optimized page performance for fast loading and smooth user experience.
- Ensured cross-browser compatibility and responsiveness across devices.
- Integrated interactive elements to enhance user engagement.

KamroAI - Frontend Development　　　DEC 2024 - JAN 2025

- Modified the frontend of Kamro AI to improve UI/UX and functionality.
- Refactored code structure for better readability, maintainability, and performance.
- Optimized components to enhance responsiveness and user experience.
- Fixed existing issues and improved overall application stability.

TECHNICAL SKILLS

LANGUAGES

C, C++, PHP, Java, Python, JavaScript, TypeScript, FastAPI

WEB DEVELOPMENT

HTML, CSS, JavaScript, React, Bootstrap, MERN Stack, PHP, MySQL, MongoDB

MOBILE DEVELOPMENT

Flutter, Android Studio

DATABASE

MySQL, MongoDB

DEVELOPMENT TOOLS

Visual Studio Code, Eclipse, IntelliJ IDEA, Android Studio, Power BI , PyCharm

COLLABORATION TOOLS

ClickUp

VERSION CONTROL

Git

UI/UX

Figma

SOCIALS

LinkedIn

Github

Portfolio

REFERENCE

Srikaran Ariyakumar

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Thilini Jayalath

Assistant Lecturer - SLIIT Computing (FOC)

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KamroAI - Mobile App Development   NOV 2024 - DEC 2024

- Developed a Flutter mobile application from scratch, learning Flutter and Android Studio.
- Designed and implemented UI components for a seamless user experience.
- Integrated backend services and APIs for dynamic functionality.
- Gained hands-on experience in state management and responsive design.
- Debugged and optimized the app for performance and stability.
- Explored Android Studio tools to enhance development efficiency.

Redesign Website UI/UX - Third Year Project   NOV 2024 - DEC 2024

- Collaborated with a team of designers and developers to redesign the Homebase website, improving user experience and visual appeal.
- Contributed to the redesign of three key sections:
  - Feedback Section: Improved usability and simplified navigation for better user interaction.
  - About Us Section: Led the UI redesign to effectively communicate the company's values with a modern and clean layout.
  - Terms and Conditions Section: Overhauled the UI to make legal content more readable and accessible while maintaining clarity and accuracy.

Mobile UI/UX - Second Year Project   FEB 2024

- Designed a mobile application UI using Figma, focusing on user-friendly and visually appealing interfaces.
- Created wireframes, prototypes, and high-fidelity designs to ensure a smooth user experience.
- Applied UI/UX best practices to enhance usability, accessibility, and engagement.

Sale Management Website - Second Year Project   FEB 2024

- Developed a Sale Management website using React, Node.js, Express, and MongoDB.
- Created an interactive front-end with React and a robust back-end with Node.js and Express.
- Managed sales data with MongoDB and ensured secure communication using CORS.
- Designed a modern, responsive UI with Tailwind CSS for a smooth user experience.

Stock Management Website - Second Year Project   JUN 2023

- Created a website using Java for the back-end and HTML, CSS, and JavaScript for the front-end.
- Built features to manage stock levels, including adding, updating, and deleting items.
- Designed a simple and responsive interface for easy navigation.

Law recommendation system focus on employee / labor law   JUN 2025

- Designed and developed an AI-based Law Recommendation System focused on Employee and Labor Law, enabling users to receive relevant legal provisions based on problem descriptions.
- Built a structured legal dataset containing Act names, sections, years, and applicable scenarios to support accurate legal recommendations.
- Implemented NLP and transformer-based models (Qwen 2.5 / RAG approach) to analyze user input and generate context-aware legal suggestions.