

KAVINDA WEERASINGHE

SOFTWARE ENGINEERING UNDERGRADUATE

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[Linkedin](#) [Portfolio](#) [Github](#)

OBJECTIVE

As a Software Engineering undergraduate specializing in full-stack web development with the MERN stack, I am passionate about building innovative, user-centric solutions. I thrive in collaborative environments, excel at problem-solving, and adapt quickly to new challenges. Committed to continuous learning, I strive to develop efficient applications that drive meaningful impact.

PROFESSIONAL EXPERIENCE

Verdentra (PVT) LTD

Jun 2024 - Dec 2024 (6 Months)

Intern - Software Engineering

- **Office Seating and Parking Reservation System**
 - Enhance functionality by advancing reservation workflow and implemented automated reservations, cron jobs, and data exports, resulting in improved functionality, user-friendliness, and reliability.
 - Technologies used: React.js, Node.js, Typescript, SQL, Azure functions and communication services
- **Employee Performance & Objective Tracking System**
 - Improve usability by adding advanced features like feedback forms, role-based dynamic UI, integrating APIs and data import/export, fixing UI bugs and aligning with Figma, resulting in a more seamless, efficient, and user-friendly experience.
 - Technologies used: React.js, Typescript, .NET, Ant Design
- **Snowflake Migration Project**
 - Migrated reports from on-premises databases to Snowflake, refactoring, converting and optimizing SQL stored procedures into Snowflake-compatible queries.
 - Technologies used: Snowflake, SQL
- Ensured timely delivery of high-quality outputs by adhering to project timelines.

FindX (PVT) LTD

Sep 2023 - Feb 2024 (6 Months)

Web Designer (Wordpress)

- Designed and built user-friendly websites and landing pages & gained experience in designing creative and intuitive UI
- Technologies used : WordPress, Elementor

PROJECTS

Your AI - Domain Specific AI Chat Application (Developing)

[Project](#)

- Final year research project, developing an LLM, RAG-based AI application with a knowledge graph to solve the problem of building a domain-specific chatbot. Knowledge extracted from PDFs to build a structured knowledge graph. I am Responsible for designing and implementing the frontend and collaborating on AI development.
- **Technologies used** : LangChain, Llama, MongoDB, Neo4J, Flask, Python, ReactJs, Azure

LILAC STORE - E-Commerce web app

[Project](#)

- An individual project, Facilitate ordering clothes, managing profiles, history, cart, and admin dashboard to manage and get sales insights. JWT verification, Image uploading, and Redux for state management.
- **Technologies used** : ReactJs, NodeJs, ExpressJs, MongoDB, Firebase, Tailwind, Redux

MUSIC MUZE - Emotion based music recommendation web app

[Project](#)

- Group project, Delivering personalized music suggestions based on user emotions, play history, and playlists. My responsibility was to develop a backend API to connect Spotify API, the front end, and the machine learning server.
- **Technologies used** : ReactJs, NodeJs, ExpressJs, MongoDB, Firebase, Tailwind

.TALK - Web based chat application

[Project](#)

- Group project. Featuring a real-time chat application that facilitates real-time messaging, multimedia sharing, and group chats. My responsibility was to develop the frontend.
- **Technologies used** : ReactJS, NodeJs, ExpressJs, MongoDB, MUI, Redux

EDUCATION

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| Bachelor of ICT in Software Technology (Reading) Uni. of Sri Jayewardenepura CGPA - 3.53 / 4 | 2021 - Present |
| Diploma in Software Engineering Developers Stack Academy | 2023 - 2024 |

TECHNICAL SKILLS

- **Frontend** - React | HTML | CSS | Material UI | Tailwind | Ant Design
- **Backend** - NodeJS | ExpressJs | .NET
- **Languages** - Javascript | Typescript | Java | C#
- **Databases** - MS SQL server | MongoDB | Snowflake
- **Cloud** - Azure
- **Others** - Git & GitHub | Figma | Firebase | Postman



SOFT SKILLS

Problem Solving | Teamwork | Communication Skills | Time Management | Creativity | Adaptability | Willing to Learn | Presentation | Professionalism and Work Ethics

CERTIFICATES

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| • Generative AI with Large Language Models - Coursera | Jan - 2025 |
| • Building APIs with C# and ASP.NET Core - Frontend Masters | Dec - 2024 |
| • Introduction to Microsoft Azure Cloud Services - Coursera | Jul - 2024 |
| • Principles of UX/UI Design from Meta - Coursera | Feb - 2024 |

EXTRACURRICULAR

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|---|---------------------|
| • Member - IEEE Student Branch - University of Sri Jayewardenepura  ◦ Volunteer as an Organizing Committee Member for J'Pura Expedition 2024 | Sept 2023 - present |
| • Member - Generation ALPHA  | Jan 2024 - present |

REFERENCES

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| • Mr. Bathiya Seneviratne Lecturer, Department of ICT, Faculty of Technology, University of Sri Jayewardenepura. Email : bathiyaseneviratne@sjp.ac.lk Tel : +94 77 868 5028 | • Mr. Bashwara Udupitiya Software Engineer, Verdentra (PVT) LTD. Email : bashwarau@verdentra.com Tel : +94 76 627 4714 |
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