

# 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

<b>Bachelor of ICT in Software Technology (Reading)</b> Uni. of Sri Jayewardenepura   CGPA - 3.53 / 4	2021 - Present
<b>Diploma in Software Engineering</b> 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

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

EXTRACURRICULAR

• <b>Member</b> - <a href="#">IEEE Student Branch - University of Sri Jayewardenepura</a> 	Sept 2023 - present
◦ Volunteer as an Organizing Committee Member for J'Pura Expedition 2024	
• <b>Member</b> - <a href="#">Generation ALPHA</a> 	Jan 2024 - present