

Objective

Dynamic developer with expertise in building responsive web applications, crafting intuitive user interfaces, and integrating AI and NLP technologies. Experienced in modern frameworks, design tools, and API integrations to deliver smart and engaging digital solutions.

Education

Women's Christian College

Bachelor of Science in Computer Science

[2021- 2024]

CSI Bain Matric Hr Sec School

[10th - 84% | 12th- 90%]

Technical Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Angular, Bootstrap, Tailwind CSS, jQuery

Backend: Node.js, Django, Wagtail, Spring Boot, RESTful APIs, Docker

Design: Figma, Adobe Illustrator, Adobe Photoshop, Adobe Flash, Canva

Version Control: Git, GitHub

Programming Languages: Python, C#, R, SQL

AI & NLP: ChatGPT, OpenAI models, LangChain(LLM application framework), Natural Language Processing (NLP)

Software: Visual Studio Code (VS Code), Microsoft Word, Excel, PowerPoint, Wix

3D Tools: Spline, Blender

Vibe Coding : Bolt , Lovable , Replit

Certifications

- | | |
|--------------------------------------|--|
| ▪ Graphic Designing (Rotaract) | UI/UX Modelling (Rotaract) |
| ▪ Introduction to R (Great learning) | Android App with Python(Great learning) |
| ▪ Gen AI (Google cloud –Simplilearn) | Full Stack Web Development Bootcamp(Udemy) |

Projects

Responsive Fantasy themed Website: [Link](#)

- Designed and developed a fully responsive and visually captivating portfolio website with a fantasy theme, using **HTML5**, **CSS3**, **JavaScript**, and **Angular** for the frontend.
- Implemented **Node.js** on the backend to handle dynamic content Enhanced user engagement through custom **animations**, **interactive UI elements**, and smooth navigation transitions

Chatbot for College:

- Developed an AI-powered college admission chatbot using **LangChain**, **Flask**, **Hugging face Transformers**, and **OpenAI API**, enabling ChatGPT-like responses by converting web-scraped website data into vector embeddings with **FAISS** and **ChromaDB**, and supporting multilingual queries via the **Google Translate API**.
- Designed and integrated both **frontend and backend**, handling tasks like **web scraping**, **text preprocessing**, **vectorization**, and **real-time query response generation**; demonstrated strong skills in **NLP**, **vector databases**, **API integrations**.
- The chatbot achieved an **accuracy rate of 90%**, delivering correct responses with low response time, ensuring an efficient and reliable user experience.

Weather Application:

- Built a responsive weather application using **React.js**, demonstrating proficiency in **RESTful API integration**, **asynchronous data handling**, and **state management** with hooks.
- Implemented dynamic UI updates based on real-time weather data, utilized **conditional rendering** for various weather conditions, and designed a clean, user-friendly interface
- Average API response time of **2-3 seconds**.

Animation Video:

- Created interactive animations and multimedia content using **Adobe Flash, Photoshop, Audacity, and Canva**, combining visual design with audio editing to produce compelling and cohesive storytelling experiences
- Effectively integrated graphics, sound, and motion to enhance viewer engagement and deliver high-quality creative outputs.

Experience

Intern- Indian Overseas Bank - [May 1 - May 31 2023]

- Gained hands-on experience in **data management**, including organizing and analyzing large datasets to generate meaningful insights for business decisions.
- Created and maintained **detailed financial reports**, utilizing **Excel** for data analysis, pivot tables, advanced formulas, and data visualization to streamline decision-making processes.
- Assisted in the **automation of report generation**, reducing manual workload and improving efficiency by utilizing Excel

Languages

Tamil, English, Hindi, French(Basics)