Vageshwari Chaudhary

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LinkedIn / GitHub / Portfolio / Leetcode

Education

Chandigarh University   Punjab, India
Bachelor of Engineering - Computer Science and Engineering   Aug 2021 – June 2025

Experience

Trilogy Innovations, Software developer intern   May 2024 – July 2024
- Built a **reusable React chatbot SDK** for Chrome extensions, allowing dev teams to plug in custom avatar UIs and event handlers via configuration. Adopted internally by 2 project teams to **accelerate chatbot** rollout by ~40%.
- Integrated real-time 3D avatars using Polywink and WebSockets, improving average session duration by 30% and increasing chatbot completion rate from 62% to 81% in internal UX testing.
- Leveraged expertise in **React**, **TypeScript**, **Three.js**, **Node.js** and WebSockets to ensure the project's success.

Projects

Sensai – AI-powered Resume builder *(GitHub)*
- **Tools Used**: Next.js, Tailwind, Gemini AI, Prisma, Shadcn UI, Docker
- Designed and developed a **full-stack** web application using Next.js, Tailwind CSS, and Prisma, enabling users to **create ATS-friendly** resumes in minutes.
- Integrated **Gemini APIs** to provide personalized **AI-driven** content suggestions, improving **user experience** and engagement.
- Enabled **PDF export** for AI-generated resumes with <300ms response time per request, supporting 1,500+ downloads in the first 2 weeks of beta launch.

Hustlrr – Job Portal App *(GitHub)*
- **Tools Used**: React, Vite, Tailwind, Shandcn UI, Supabase, Clerk, REST APIs
- Developed a full-stack job portal using **Vite** and React, enabling users to search, apply, and manage **job applications** with a clean and **responsive UI**.
- Integrated **Clerk authentication** for secure sign-up/login with session **management**, role-based access (Job Seeker & Recruiter), and **user profile handling**.
- Used **Supabase** for real-time **database** operations, including job posting, **applicant tracking**, and secure resume **file storage** via Supabase Storage.

Alzheimer's Disease Detection System *(GitHub)*
- **Tools Used**: Python, NLP, Pandas, Numpy, Streamlit, Azure
- Processed **MRI scans** and analyzed cognitive **test scores** and clinical records to extract actionable insights.
- Evaluated **model** performance using **metrics** and improved results through **hyperparameter tuning**.
- Deployed AI-powered **diagnostic tools** and enabled scalable training and deployment on **cloud platforms**.

Skills

Languages: C++, Java, JavaScript, Python, SQL
Frameworks/Libraries: React, Tailwind, Node.js
Tools/Platforms: Git, Supabase, Clerk, Vite, Docker, Linux, Postman, Azure
Concepts: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), REST APIs, DBMS

Achievements

- Solved 500+ algorithmic problems on **LeetCode**, focusing on optimal solutions for graph traversal, dynamic programming, and string manipulation.
- Led a 4-member team to build a **real-time chat application** using Socket.IO and Express.js, handling over 1000 concurrent users with minimal latency.
- Built a **ML-powered** classification system (CNN) to detect **Alzheimer's stages** with 85%+ accuracy using TensorFlow and OpenCV.