Gateek Chandak

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TECHNICAL SKILLS

Languages/Frameworks: JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, Python, C, TailwindCSS
Libraries/Tools: Git, VS Code, Vercel, Linux, MS Office, Adobe Creative Suite, Supabase, PostgreSQL

PROJECTS

Study-Bot | *TypeScript, Next.js, Node.js, Express.js, Tailwind, Upstash*   [Link]
- Developed a tool that enhances studying research efficiency by **leveraging AI** and **multiple API's**
- Utilized the **Google Custom Search Engine API** to retrieve top articles related to a user query optimized by the **OpenAI API**, producing reliable and relevant resources
- Designed an **interface** that allows users to discuss and explore the contents of articles with a **responsive AI bot**
- Integrated the **Upstash RAG-Chat** to store article content in a **vector database**, used by the bot interface

Estate Eagle - Real Estate Forecaster | *TypeScript, Next.js, Node.js, Express.js, Supabase, Tailwind*   [Link]
- Built a comprehensive listing platform for tracking real estate prices and predicting future market trends
- Used the **OpenAI API** to filter and query listings using parameters such as location, budget, and square footage
- Built a dynamic and responsive front-end using **Next**, styled and animated with **TailwindCSS**
- Created a **REST API** with **Node** and **Express** to fetch real estate listing data stored in **Supabase**
- Implemented **OAuth** with **Clerk** providing login access from providers such as Google and Discord

Workout Wizard - Fitness Tracker | *JavaScript, React.js, Node.js, Express.js, Supabase, Tailwind, Vercel*   [Link]
- Developed and **deployed** a comprehensive and user-friendly web application using **React** and **Vercel** that aids individuals in planing, tracking, and generating fitness plans
- Built a **REST API** using **Node** and **Express** to fetch user data from **Supabase** and perform **CRUD** events
- Leveraged **OpenAI's Text Completion API** to generate distinct fitness plans based on user parameters such as difficulty and length of workout, as well as the option to store them in user specific **Supabase** database
- Used open source **npm libraries** such as **react-big-calendar, react-dnd, and date-fns** to integrate features
- Implemented **Supabase OAuth** to enable the storage of **user-specific data** for a more personalized experience.

EXPERIENCE

Software Developer   September 2024 – Present
UW Code Lab   *Waterloo, ON*
- Developing software applications to help the UW community

UX/UI Designer   May 2023 – Aug 2023
Design Out Loud   *Mississauga, ON*
- Led the **UX/UI** of the company website, various marketing tools, promotional content, and social media pages bringing in over **20 new clients** generating over **$25,000** in revenue
- **Initiated** contact with new **clients** and **businesses** on site, resulting in over **50%** increase in client **acquisition** over **4 months**, as well as attaining referrals and positive testimonies
- Headed the integration of new designs, further acquiring **proficiency** in various **Adobe Creative products**, improving project turnaround by over **70%**
- Managed **cross-team communication** with clients, management, team members, and event organizers to provide optimal product experience, and further the company reputation and outreach

EDUCATION

University of Waterloo   Sep. 2023 – May 2028
Bachelor of Computing and Financial Management (87.6%)   *Waterloo, ON*
- Relevant Course Work: Algorithm Design and Data Abstraction, Calculus 1 and 2, Algebra, Linear Algebra, Statistics, Financial Markets and Data Analytics, Intro to Combinatorics, Digital Media Design