

Gateek Chandak

g2chanda@uwaterloo.ca | www.gateekchandak.ca | linkedin.com/in/gateek-chandak | github.com/gateek-chandak

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

PROJECTS

Study-Bot | *TypeScript, Next, Node, Express, TailwindCSS, Upstash*

- Developed a tool that enhances studying and research efficiency by leveraging AI and integrating 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 a conversational bot that allows users to discuss and explore the contents of articles with a responsive AI bot, enhancing learning and comprehension
- Integrated the Upstash RAG-Chat to process and store article content in a vector database, used by the bot interface

Estate Eagle - Real Estate Forecaster | *TypeScript, Next, Node, Express, Supabase, TailwindCSS*

- Collaborated in a team of 4 to create a comprehensive platform for tracking real estate prices and predicting future market trends
- Used the OpenAI API to filter and query for listings based on various parameters such as location, budget, square footage, and more
- 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 from database stored in Supabase
- Implemented OAuth with Clerk, providing login access from providers such as Google and Discord

Workout Wizard - Fitness Tracker | *JavaScript, React, Node, Express, Supabase, TailwindCSS, Vercel*

- Developed and deployed a comprehensive and user-friendly web application that aids individuals in planing, tracking, and generating fitness plans
- Created a REST API from scratch using Node and Express to fetch user specific 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
- Used open source npm libraries such as react-big-calendar, react-dnd, and date-fns to integrate custom features
- Implemented Supabase OAuth to enable users to create personal accounts, ensuring the storage of user-specific data for a more personalized experience.

EXPERIENCE

Developer

August 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

- Designed and created the UX/UI of company website, various marketing tools, promotional content, and social media pages
- Engaged with multiple clients and businesses, resulting in the acquisition of over 10 new clients
- Initiated the integration of new designs, acquired proficiency in various Adobe Creative Suite products, and presented innovative ideas to team
- Communicated with clients, management, team members, and event organizers, in order to provide the best possible product, and create a positive reputation

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C

Frameworks/Tools: React, Next, Node, Express, TailwindCSS, Vercel, Supabase

Tools: Git, VS Code, Vercel, Linux, MS Office, Adobe Creative Suite