Akshay Vakil

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Education

Toronto Metropolitan University *Canada, Toronto, ON*
Bachelor of Science in Computer Science *Sept 2022 - Current*
- **Relevant Courses:** Python, Java, Discrete Math, Data Structures, Linear Algebra, AI, Machine Learning, C and Unix, Algorithms, Discrete Structures, Web Development

Projects

Discord Bot *GitHub*
Weaver *Python, OAuth 2.0*
- Developed a Python-based Discord bot called Weaver capable of broadcasting music and currently working on integrating the Spotify API for enhanced functionality.
- Implemented engaging interactive video games like Hangman with Discord reactions, serving purposes such as auto-moderation, meme generation, and image generation. The bot is actively utilized across **30+** Discord servers, fostering **500+** daily interactions.

Club Established at McMaster University *https://hpsaglobal.net/*
Health Policy Student Association *HTML5/CSS, JS, JQuery, BootstrapCSS*
- Collaborated to create a website for a club dedicated to advancing student health and global health policy. The website promotes resources, provides information, and raises awareness.
- Conducted diligent research and extensive article reviews on topics such as Discrimination in Healthcare and Undocumented Immigration and Healthcare in Canada.
- The website gained prominent exposure within McMaster University, reaching over **10,000+ undergraduate students** and actively promoted on various social media platforms, reaching an audience of **100-200+ individuals**.

Web-App *MetHacks Hackathon Project*
Fault Finder *NodeJS, Astro/React, HTML/CSS,*
JS/JSX, Python, OpenAI API, Figma
- Collaborated on a hackathon project utilizing OpenAI's API to generate interview-level questions with intentionally incorrect solutions.
- Implemented the project's core functionality using Node JS, with a backend database for selecting questions, providing incorrect solutions, and offering debugging feedback.
- Showcased the project at the hackathon, gaining exposure to **250+ active individuals and experts** from various companies.

Website *https://akshayv.tech/*
React, CSS, TypeWriterJS, Vite,
ParticleJS, MotionOne, Framer Motion
Personal Portfolio Website *Library*
- Designed and developed a captivating personal portfolio website with a modern, visually appealing layout.
- The website serves as a showcase of my programming proficiency and features an extensive project section, highlighting my past creations and future endeavors.
- Ensured the website is fully responsive and optimized for seamless browsing across various devices, ensuring an enhanced user experience for all visitors.

React Calendar Application *Application*
Calendar *CSS, JSX, GH-Pages, Vite*
- Developed a feature-rich calendar component using React, offering dynamic and interactive features to enhance the user experience.
- Implemented the useState hook to enable easy date selection by clicking on a day, with visual highlighting for instant feedback.
- Facilitated schedule management by allowing users to add events to specific dates, providing efficient appointment organization.
- Incorporated a reset functionality that clears selected dates and event data, allowing users to start fresh.

Skills

Programming Languages: Python, HTML5/CSS, JavaScript, SQL, Node.JS
Libraries/Frameworks: React, Angular, SQL, Django, Bootstrap, Tailwind CSS, JQuery
Technical Skills: Git, GitHub, Git Bash, Microsoft Excel, Adobe, Figma
Tech-Stack Interests: Full stack Development, Game Development, Machine Learning, AI Integration, Cloud Computing

Work Experience

Old Navy   *Square One, Mississauga, Ontario*
Old Navy Sales Associate   *June 2021 - January 2022*

- Provided exceptional customer service by effectively communicating with clients to understand their unique needs and deliver personalized assistance.
- Collaborated closely with team members to delegate tasks and optimize overall workflow, contributing to enhanced team efficiency.

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