Vidhan Bhatt

Software Developer

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Education

McMaster University | GPA: 3.98/4.0   Sep. 2022 - Present
Bachelor of Computer Science
  * Data Structures & Algorithms
  * Computer Architecture
  * Software Development (Python, Haskell, Java, C)

Experience

Tailered Sports | Discord Bot Developer   May. 2023 - Present
  * Made a Discord bot in Rust for users to make fake "bets" on baseball games
  * Accessed the FanDuel API to retrieve live betting odds
  * Created a live feed of the game using the MLB API
  * Used PostgreSQL to store user data and betting history
  * Also allowed the bettors to track their bets and append them to a spreadsheet
    nightly

Projects

vidhan.io | Rust, Markdown, Typst, GitHub Actions   Jul. 2023 - Present
A personal website and blog, written in Rust.
  * Uses Typst to generate this very resume automaticaly and serve it as a static asset
  * Parses markdown blog posts and renders them as HTML
  * Uses tree-sitter to provide powerful IDE-like syntax highlighting for blog posts
  * Implements industry-standard testing and continuous integration using GitHub Actions
  * Recieved 40+ stars on GitHub

MacEats | Rust, React, Next.js, Docker, Fly.io, Vercel   Oct. 2022 - Oct. 2022
A full-stack modern reimplementation of MacEats, the McMaster University campus dining site.
  * Created for the 2022 McMaster CSS Hacktober event
  * Made a Rust library to scrape the original website and provide a programmatic
    interface to the data
  * Made a Rust backend to serve the data for general use by anyone
  * Made a React and Next.js frontend to access the modern site
  * Received 100% in judge voting, placing second overall in the competition

Checkpoint | Go, Docker, GitHub Actions, Google Cloud Platform   Oct. 2021 - Mar. 2022
A Discord verification bot for servers in the Peel District School Board.
  * Made to combat rampant spam bots which would join servers in our school
  * Used Go for the Discord bot, which is deployed to Google Compute Engine using GitHub
    Actions
  * Was implemented in 15+ school club Discord servers, and received outstanding
    testimonials from the club executives

Technical Skills

Programming Languages
Rust, Go, JavaScript, TypeScript, Python, Haskell, Java, Shell Scripting, HTML, CSS, C+
+, C, Elm

Frameworks/Databases
React, Next.js, Node.js, Svelte, Tailwind CSS, SQL (PostgreSQL, SQLite, Supabase),
MongoDB, Sled

Continuous Integration/Continuous Development
Docker, Git, GitHub, GitHub Actions, Kubernetes, Fly.io, Vercel, Google Cloud Platform