Sai Sujit Kodakalla

✉ sujit.kodakalla@gmail.com   📞 703-996-6558   in sai-kodakalla   ⌂ saikodakalla

Education

University of Waterloo, BCS in Honors Computer Science With Co-op ↗   Expected Graduation: 2030
- Coursework: Designing Functional Programs, Algorithm Design, Techniques For Software Development
- Awards: President's Scholarship Of Distinction ($5000)

Experience

Software Engineer, Marble Investments – Waterloo, ON ↗   May 2025 – August 2025
- Engineered a **Python**-based data pipeline integrating an API to programmatically filter **5,000+** NYSE/NASDAQ tickers by market cap ($\geq$ **$500M**)
- Automated portfolio refreshes with scripts, cutting manual updates from **2 hrs/week to near-zero**, giving analysts and clients a more accurate view of portfolio performance
- Migrated ticker storage from CSV to **MongoDB Atlas**, scaling from static files to real-time management of **2,600+** stock tickers
- Enhanced **React/Next.js** frontend, improving reliability of client-facing information and ensuring a consistent and reliable user experience across devices and platforms
- Collaborated with a 4-person engineering team to deploy the pipeline into reporting systems with minimal downtime

Projects

LooBites ↗   September 2025 - Present
- Deployed the full-stack application to production, currently building to deliver a centralized platform for students to check daily meal offerings and read reviews on cafeteria meals from other students
- Designed and implemented responsive user interfaces using **React** and **TypeScript**, ensuring smooth user experience across web and mobile platforms
- Integrated a **Supabase backend** with relational database management, supporting scalable user and menu data operations
- Developed full **user authentication** system (login/signup) including **Google OAuth integration**, enabling secure access for users
- Engineered a custom **JavaScript-based web scraper** to extract live cafeteria menu data, automating content updates and reducing manual input by **100%**

Technologies

Languages: JavaScript, Python, HTML, CSS, TypeScript

Backend/Hosting: Supabase, Vercel, MongoDB

Frameworks/Libraries: React, Node.js

Version Control: GitHub, Git

Certifications: PCEP – Certified Entry-Level Python Programmer (PCEP-30-02).