Evan Greenstein

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https://evangreenstein.vercel.app/ (Portfolio)

SUMMARY OF SKILLS

- **Web dev**: React.js, Angular,js, Next.js, Express.js, Flask, RESTful APIs, Cypress, RxJS, NGXS,
- **Databases & Cloud**: MongoDB, AWS, Firebase, Supabase, PostgreSQL, MySQL, Vercel
- **Programming langues**: Java, C#, C/C++, Python, Javascript, Typescript
- **DevOps**: Jira, Git, CI/CD pipeline, GitHub, Visual Studio code, Docker

EDUCATION

Gina Cody School of Engineering and Computer Science, Concordia University **Montreal, QC**
Bachelor of Engineering; Major in Software Engineering *September 2020 – December 2024*
- **Honors:** Dean's list (2021-2022 academic year)

Dawson College **Montreal, QC**
DEC in Computer Science *September 2017 – June 2020*
- **Honors:** Honor Roll student (Winter 2019)

PROFESSIONAL EXPERIENCE

Sportlogiq **Montreal, QC**
Summer Front-end developer intern *June 2023 – September 2023*
- Developed and maintained their main application SportLogiq iCE and their internal application whose front ends are developed with Angular, NGXS (state management), RxJS (reactive programming library) & Cypress.
- Worked on a variety of issue/task types including hotfixes and user stories (features) + E2E testing.
- Researched Component Testing with Cypress and reported my findings in a presentation to the other front end engineers by explaining how it differs from E2E testing, explaining advantages and disadvantages in integrating it into the development process
- Actively participated in SCRUM activities which included daily stand-up meetings, story refinement meetings, sprint retrospectives and sprint ceremonies.
- Lead many daily stand-up meetings.
- Used Jira's scrum board (to-do, in progress, QA ready, complete, …) for organizing tasks.
- Communicated with QA and backend engineers to make sure my tasks were aligned with their needs and vice versa.
- Used bitbucket's version control for reviewing pull requests

PROJECTS

Backyard Buddiez (Personal) | **github.com/EvanGreener/backyard-buddiez** | **backyard-buddiez.vercel.app/**
Full Stack developer *June 2024 – Present*
- Developed a comprehensive bird tracking application to help users connect with nature and learn about the bird species they encounter. It also features a global leaderboard to foster friendly competition based on the number of birds Identified and challenges completed (challenges reset daily).
- Implemented the app using the Next.js framework with the new App Router to handle server-side rendering of the React pages and REST API endpoints which adheres to the MVC architecture
- Leveraged Supabase's secure third-party authentication in addition to their PostgreSQL database to efficiently to store and query users, bird sightings, and their daily challenges
- Optimized database performance through careful schema design
- Integrated Drizzle's ORM (drizzle-orm) library to connect the Supabase database to the NextJS app
- Used the tailwind css framework to design user interfaces with more customizability and responsiveness
- Technologies: NextJS, React, Supabase, PostgreSQL, Drizzle, Vercel, tailwind-css

TripWise (Academic) | **github.com/mattmazzone/engr-490**
Full Stack developer *September 2023 – May 2024*
- Developed an app that recommends activities for people with limited spare times using item-item collaborative filtering.
- Implemented the recommendation engine and evaluation framework based on Precision@K
- Implemented create-trip frontend service & API route on backend.
- Technologies: Docker, React Native, Expo, Express.js, Firebase, Python, Flask, SciPy