Colin A. Williams
Full-Stack Software Developer, Frontend Architect, and Designer

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, C#, Python, HTML, CSS, SASS (SCSS), SQL (PostgreSQL, MySQL)
Frameworks & Tools: Angular, React, Electron, Node.js, .NET, Spring, Spring Boot, Git, GitHub, Bitbucket, Jira, Figma, Linux
Disciplines: Frontend Architecture, Full-Stack Development, CI/CD, Unit Testing, Agile, Scrum, UI Design, UX Design

EXPERIENCE

Ecosystems.io (SaaS), Full-Stack Software Engineer II & Frontend Architect, Remote   March 2022 - Present
  - Architected and led development of company-wide monorepo using Nx, Angular, NgRx, RxJS, and TypeScript.
  - Helped client close $16 million deal by developing a robust Angular/Spring application focused on value-added selling.

JPMorgan Chase, Full-Stack Software Engineer I, Columbus, OH   July 2021 – March 2022
  - Saved business $10,000s and 100s of dev hours by designing 50+ UI views in Figma for product facing 30,000+ users.
  - Enhanced code maintainability by implementing reusable front-end Angular components in TypeScript.

JPMorgan Chase, Software Engineer Intern, Columbus, OH   June 2020 - August 2020
  - Assisted 2,000+ Ohio small businesses receive financial assistance by leading design and implementation of a Python Django responsive mobile web app.

Hyland Software, Software Engineer Intern, Westlake, OH   May 2019 - August 2019
  - Decreased load time of web application from over 3 minutes to under 2 seconds by instituting asynchronous JavaScript and daily server caching using ASP.NET MVC and C#.

Diebold Nixdorf, Software Engineer Intern, North Canton, OH   May 2018 - August 2018
  - Decreased downtime of company website by 9% by implementing website analysis tool for Windows Server in C# .NET.

LEADERSHIP & MENTORING

Ecosystems.io (SaaS), Angular Development Mentor   June 2023 - Present
  - Mentored 6 developers on best practices for code architecture, state management, and declarative programming.

Coding with Colin, 1-on-1 Programming Teacher and Tutor   June 2020 - November 2021
  - 20+ students ages 8 to 68: taught general programming in Python; tutored college coursework in Java, Python, and Web.

The Ohio State University Marching Band, Squad Leader   June 2020 - December 2021
  - Trained 30+ musicians in marching and musical technique for OSUMB tryouts. Mentored 13 musicians through the year.

SIDE PROJECTS

EventMaster Pro (Work in Progress)   October 2023 - Present
  - Supercharge dynamic, multi-day competitions with realtime brackets, betting, analytics, and more.
  - Mobile-first web application built with Angular, Supabase (PostgreSQL), and TypeScript.

Potluk, potl.uk   April 2022 – August 2023
  - Coordinate who brings what to your potluck by creating a sharable link to a custom event page that updates in real time.
  - Mobile-first web application built with Next.js, React (functional components), Firebase, and TypeScript.

Presto Parts, prestoparts.org   November 2021 – March 2023
  - Restructures collections of sheet music to be by instrument part (ready to hand to musicians), not by song (how it is originally distributed by the arranger), saving music instructors dozens of hours.
  - Cross-platform desktop application built with Electron, React (functional components), Node.js, and TypeScript.

Drill Generator, drillgenerator.com   June 2021
  - Generates training drills in the style of The Ohio State University Marching Band summer training sessions and tryouts. The app helps candidates practice and helps squad leaders develop drills.
  - Mobile-first web application built with vanilla JavaScript.

EDUCATION

The Ohio State University, Columbus, OH
Bachelor of Science in Computer Science and Engineering (BS CSE)   May 2021
Overall GPA (4.00 scale): 3.63