

ETHAN SHULER

13ethanshuler@gmail.com | (414)477-5705

Portfolio | LinkedIn | GitHub

SKILLS

| | |
|------------------------|--|
| Programming Languages: | JavaScript/Typescript, Python, C#, C++, Bash, HTML/CSS |
| Libraries/Frameworks: | ReactJS, NodeJS, ASP.NET |
| Tools / Platforms: | git, AWS, Linux |
| Databases: | PostgreSQL, Microsoft SQL Server, MongoDB |

EXPERIENCE

Gain Life Inc | Solutions Engineer

Remote | August 2023 - Present

- Played a pivotal role as a versatile team member in a dynamic startup environment, effectively bridging the communication gap between clients and the development team
- Spearheaded comprehensive code testing and quality assurance initiatives, ensured the seamless processing of flat-file data
- Demonstrated leadership by actively participating as a key member of the organization, overseeing the communication of new feature requests, and ensuring their successful implementation to meet client standards. Maintained ongoing communication with clients to address their needs and provide updates on new features
- Configured SASS software on a per-client basis, tailoring it to meet individual client preferences and requirements
- Successfully revamped various organizational tools within the company to enhance tracking capabilities for configuration changes, client requests, and feature usage

University of Miami | Teaching Assistant

Miami, FL | Sep 2021 - June 2023

SKYGEN USA | Software Engineer

Milwaukee, WI | Feb 2021 - Sep 2021

- Developed .NET Core MVC applications according to product owner specifications, using SQL for the database and C# for the APIs and views, and developed a Blazor UI which displayed unit test coverage of company APIs
- Used Selenium and NUnit to write automated unit tests, UI tests and integration tests
- Mentored a newly hired engineer

University School of Milwaukee | IT

Milwaukee, WI | Aug 2020 - Feb 2021

MakeMusic Inc | Software Development Intern

Boulder, CO | May 2019 - Aug 2019

- Fully migrated company appserver hosting from Windows to Linux, running eleven inter-communicating applications from one server. This drastically reduced monthly server cost and time saved with regularly deployed instances
- Automated building and deployment of new servers for each push to production
- Extensive use of AWS EC2, AWS CloudFormation, Packer, Nginx, Systemd, git, Elasticsearch/Filebeat, SSL

DirectSupply Inc | Software Development Intern

Milwaukee, WI | Jun 201 - Aug 2017

- Developed frontend that displays company servers using SQL and the Outsystems web platform

EDUCATION

University of Colorado

Boulder, CO

B.A. Computer Science & B.M. Music Performance (GPA: 4.0)

Aug 2016 - May 2020

University of Miami

Miami, FL

Master's Music Performance

Sep 2021 - May 2023

PROJECTS

"Little Guy" Website | [Link](#)

Typescript, Next.JS, PostgreSQL (Supabase), CSS

- Allows users to upload their own characters with images, pre-determined traits, user-customizable traits, and comment on one another's posts
- Built with careful attention to server vs. client concerns, OAuth permission

Polar Bear Random Walk Simulator | [Link](#)

Python, Matplotlib

- Simulates a polar bear scavenging the ice sheet for food, progressively having less surface area to reflect climate change. Used scientific research papers to model random walk and ice melting