ETHAN CLOIN

WEB DEVELOPER

CONTACT

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🌐 https://github.com/ethancloin

📍 Boston, MA

SKILLS

C# .NET (6.0 and 8.0)

Microsoft SQL Server, MySQL, SQLite

Docker, Jenkins, RabbitMQ

React + Redux, Vue, Web Components

HTML5, CSS (SCSS, MaterialUI, Tailwind)

Git / GitHub

Java (Android and Spring)

Python (Flask, FastAPI, Pandas, Numpy)

JavaScript, TypeScript

TOOLS

Microsoft SQL Server Management 2019

Bash, Zsh, Vim, VSCode

Graylog, Jira, Slack

EDUCATION

Bachelor of Science, Computer Science

University of North Florida

2018-2021

ABET Accredited

PROFILE

A problem solver, determined to find efficient solutions. Specific experience with applications in the financial reporting and payment processing industries. Years of experience working on fullstack web applications, distributed systems, and cloud-native technology.

Strong written and verbal communication skills, intentional about conveying technical problems in accessible language. Able to effectively self-manage during independent projects, and collaborate as part of a productive team.

WORK EXPERIENCE

Software Engineer

SS&C Advent - Black Diamond   May 2023 - Present

- One of two engineers on the Firm Reporting team, responsible for maintaining and improving the Business Intelligence and Data Mining applications on the Black Diamond platform
  - C# .NET 8, Microsoft SQL Server, React + Redux
- Applied SQL Server optimization techniques to resolve query timeouts for resource-intensive customer queries
- Developed an 'offline' service worker to produce a high-volume report, batching individual reports for an investment firm's collection of portfolios.
- Contributed documentation to the company Confluence and GitHub repositories to improve understanding between teams.

Software Developer

Pax Technology   Sep 2022 - May 2023

- Contributed to fullstack, cross-platform mobile application, including support for various payment processors and methods.
  - Vue.js, Cordova, Java
- Contributed to Android library allowing users to submit feedback on Pax Android applications.
  - Android Studio, Java
- Quickly absorbed industry knowledge to develop PCI (Payment Card Industry) Compliant applications.
- Collaborated with multiple teams within the organization to deliver solutions in a timely manner

INDEPENDENT PROJECTS

more details available on my GitHub

🔗 Tutor Booking Web App

This fullstack project utilizes Flask, SQLite, and JavaScript with HTMX. Features include a landing page, a list of available Tutors, and a calendar view where users can submit a Booking form. This prototype was built to present to a freelance client and is not actively hosted.

🔗 Supplyify Web App

This fullstack project utilizes Flask, SQLite and JavaScript with HTMX. Features include an 'Order Dashboard' view, 'Order Management' view, and 'Edit Order' view. The application is hosted live on a VPS running Ubuntu with Nginx and under active development.