Connor Pepin

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EDUCATION

Washington University in St. Louis | Bachelor of Computer Science and Mathematics   May 2023

EXPERIENCE

Software Engineer   August 2021 - May 2022
Mastercard | O' Fallon, MO

- Collaborated with a team of 8 developers to deliver features for Spring Boot APIs, enhancing digital redemption services.
- Developed features and fixed defects for a continuous delivery platform, which reduced deployment lead time by 86%.
- Drove innovation by developing and presenting 3 proof-of-concept applications to senior leadership.
- Enhanced integration and unit testing suite to improve code coverage, ensure testing integrity, and reduce application risk.

Lead Engineer   November 2022 - May 2024
Caralyst Health | Remote

- Designed and built a full-stack application from scratch, utilizing React, Angular, Node.js, and MySQL, hosted on AWS.
- Collaborated with the CTO to architect and implement cloud-based solutions, ensuring scalability and reliability.
- Developed comprehensive integration tests for server-side code to enhance code quality and reduce deployment risks.
- Mentored and led a team of developers, providing guidance on best practices, code reviews, and project workflows.

Software Engineer Intern   May 2022 - December 2022
Ungerboeck Software International | O' Fallon, MO

- Served as the primary frontend developer in a team of 3 interns to build a dynamic web chat application using Angular, TypeScript, C#, and MongoDB, designed to enhance customer experience by recommending tailored products.
- Developed a full stack floor planning software using ThreeJS, capable of handling large scale event space designs.
- Presented an application demo to senior management with the next goals set for deployment to client-facing applications.

PROJECTS

Repo Magik (Mastercard Internal Application)   December 2023 - Present

- Assisted engineering leadership by developing a full stack (ReactTS, Spring, PostgreSQL) to analyze story lead times.
- Parsed and processed data for over 250 repositories spanning the past 3 years to examine lead time trends.
- Presented application features to senior leadership and TPMs, demonstrating key functionalities and driving adoption to support achieving DevOps goals.

Portfolio Webpage   Sept 2024

- Developed a Next.js web page designed to display my experience as a software engineer, to continue to to expand my knowledge of various frontend frameworks and UX/UI design. Deployed at https://connorjpepin.com

EXTRACURRICULAR & LEADERSHIP EXPERIENCE

President/Treasurer   August 2021 - May 2023
Washington University Powerlifting Team | St. Louis, MO

- Organize and delegate the funding for practice spaces, membership registration, and event dues, totaling over $30,000.
- Create professional relationships with gym owners and event organizers to provide opportunities to team members.
- Present financial appeals to the university's student union to secure funding for all 42 members to compete in local meets.

New Member Advisor   November 2019 - August 2021
Colts Drum and Bugle Corps | Dubuque, IA

- Engaged and led 16 new members to ensure they had the opportunities to be productive members of the ensemble.
- Rehearsed 12 hours daily and traveled the country performing for thousands of people during an 80-day summer tour.

SKILLS

- Javascript/Typescript
- Java/Maven
- C#/C++
- Python
- HTML/CSS

- AWS
- React.js/Angular/Vue.js
- MySQL
- MongoDB
- PostgreSQL

- Cloud Foundry/cfCLI
- Node
- Jenkins
- Unity
- Proficient in Spanish