

# Harrison Blair

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## Education

### Champlain College

Aug 2021 - May 2025

B.S. Computer Science and Innovation, Minor in Cybersecurity

## Skills

**Languages:** C++, Python, Typescript, Javascript, Java, SQL

**Frameworks:** React, Next.js, Angular, Jest

**Technologies & Tools:** Git, HTML, CSS, REST API, Agile methodologies, CI/CD pipelines, Cloud Hosting, Azure DevOps, Docker, Test Driven Development

## Experience

### PulteGroup

May 2024 - Aug 2024

Software Engineering Intern

Hybrid

- Developed Angular web application serving 31,000+ households to track build progress, manage bill presentment, and enable two-way messaging between homeowners and construction teams
- Integrated frontend components with .NET backend API and SQL databases, optimizing data retrieval for build progress tracking features
- Implemented automated unit testing using Jest to ensure code quality and feature reliability across deployments
- Collaborated with distributed product design teams across multiple locations in full Agile development lifecycle, participating in daily standups, sprint planning, and peer code reviews to deliver features on schedule

### Payverse

June 2022 - Aug 2023

Technical Support

Part-Time - Remote

- Owned end-to-end website design and development using Webflow and CSS for VC-backed fintech startup, collaborating with executives to create accessible user experience that supported marketing initiatives and customer acquisition
- Maintained and iterated on company website based on user feedback, implementing design improvements to enhance conversion rates
- Created and managed social media presence and marketing demos using Adobe Creative Suite for LinkedIn Ad campaigns, supporting B2B customer outreach

## Projects

### Portfolio Website

Oct 2025

- Built responsive personal portfolio using Next.js and React to showcase open-source projects with integrated contact form and GitHub Actions CI/CD integration
- **Technologies:** Next.js, React, Github Actions, Vercel, Github Copilot

### MusiSync - Music Library Synchronization App

Jan 2025 - May 2025

- Designed and implemented peer-to-peer file transfer protocol in React Native application, enabling users to synchronize music libraries across devices without cloud dependency
- **Technologies:** React Native, Typescript, Github Actions