

Philip Bui

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EDUCATION

Worcester Polytechnic Institute, B.S. in Computer Science, GPA 3.8/4.0, Dean's List

Aug 2021 - Dec 2023

Tufts University, M.S. in Human Robot Interaction

Aug 2024 - Present

SKILLS

Programming: TypeScript, JavaScript, CSS, HTML, C#, SQL, PHP, Java, C, C++, Python, Swift
Software Development: React, React Native, Git, ASP.NET, Node.js, Express.js, PostgreSQL, Telerik, IIS
Project Management: Slack, GitHub Projects, Teams, Trello, Notion, Jira, Excel, Easy Redmine, Figma

EXPERIENCE

Full-Stack Software Engineer, enLabel

Jan 2024 - Present

- Architected a React TypeScript frontend with data-driven interactions and ASP.NET API integration.
- Led a team of engineers and architected a system to merge React components with Telerik UI.
- Authored comprehensive technical documentation to support team scalability and knowledge transfer.
- Developed tools for automatic and comprehensive end-to-end regression testing of ASP.NET APIs.

Co-Founder, Untitled Boston

Dec 2023 - Present

- Directed 10+ person teams & oversaw events with >400 attendees & an average profit margin of 49.11%.
- Organized community events bolstering the Boston underground music, fashion, and art community.

Website Developer, ProsperOn

Jun 2023 - Feb 2024

- Developed accessible financial simulation web pages with React Typescript, based on Figma designs.
- Designed and integrated RESTful APIs with Node.js and architected comprehensive uplifting of legacy code.

Operations Intern, Amazon

Jun - Aug 2023

- Developed an internal, mapping application, projected to reduce costs by >\$10k (95%) per trained employee.
- Built a Node.js server for data retrieval from Amazon's internal database, optimizing inventory tracking.
- Located and monitored >7,000 lost inventory items, reducing misplacement with data-driven software.

Freelance Website Developer

Feb 2023 - Jan 2024

- Collaborated with artists to transform creative visions into visually engaging digital experiences with React.

PROJECTS

AI Powered Platform for Low-Income Housing Development, WPI MQP

Aug - Dec 2023

- Designed and implemented AI-driven due diligence analysis, integrating GIS & open source data pipelines.
- Leveraged a PostgreSQL database and Node.js server, using RESTful express APIs for efficient data retrieval.
- Crafted a modular React Typescript front-end, accommodating evolving datasets and sponsor features.

Nitrogen Cycle Public Outreach AR Game for Boys & Girls Club, WPI IQP

Oct 2022 - Mar 2023

- Communicated with the Boys & Girls Club and WPI's STEM Education Center to align project deliverables.
- Led an 8-person team to develop an educational React AR.js game with an 86% approval rating from users.
- Facilitated learning for 100% of players on at least one core concept of nitrogen cycles in agriculture.

Medical Service Request System for Brigham & Women's Hospital, WPI Software Engineering

Mar - May 2022

- Streamlined the development of a 20+ page service request system as a key front-end engineer with JavaFX.
- Contributed to the system framework including 200+ classes, 24 interfaces, and 87 front-end controllers.
- Utilized UML and user stories and developed interactive visual simulations and navigation systems in Java.

OTHER EXPERIENCE

Community Events Coordinator, WPI Powerlifting

Mar 2023 - Dec 2023

Member, Upsilon Pi Epsilon

Jan 2023 - Dec 2023