Elizabeth Boron-Trotter

github.com/et120 · (209) 712-4545 · eborontrotter@gmail.com

TECHNICAL SKILLS

Programming Languages:
JavaScript, TypeScript, C#
HTML, CSS, SQL, Python

Frontend Frameworks:
React, Next.js, React Native, Angular

Libraries:
Bootstrap, Tailwind CSS

Tools:
Azure, Visual Studio Code, Figma,
Postman, Swagger, GitHub, Jira

Databases:
Azure SQL, SQLite

Platform/ Backend Framework:
.NET Core, ASP.NET

PROJECTS

Full Stack Application, PropTrac   **Mar 2024 - Current**
- Partnering with a software development team of three to conceptualize, design, develop, test, and deploy a responsive web application tailored as an all-in-one tool for property managers.
- Employing a comprehensive tech stack including React, Next.js, TypeScript, Tailwind CSS, C#, .NET, Azure SQL, and Git Version Control for efficient development.
- Applying basic principles of Agile software development methodologies, Scrum and Kanban, with Jira as the primary tool; prioritizing tasks and meeting project deadlines, demonstrating strong communication and teamwork skills.

React Web App, U.S. Weather Report   **Feb 2024**
- Crafted and developed a functional and easy-to-use weather application that fetches data from OpenWeatherMap API.
- Leveraged React, Next.js, TypeScript, and Tailwind CSS in development; applied state management using hooks to dynamically update data within functional components of the application, ensuring a seamless user experience.

Business Redevelopment, Dante's Pizza & Cafe *(Phase 1 Complete)*   **Oct 2023 - Dec 2023**
- Redesigned and developed a fully responsive website for a local business, ensuring compliance with Web Content Accessibility Guidelines (WCAG) 2.1 Standards to enhance user interface and elevate overall user experience.
- Utilized Figma for prototyping and UI/ UX design, alongside JavaScript, HTML, CSS, and Bootstrap in development.
- Currently underway with Phase 2 rebuild, incorporating React, Next.js, and TypeScript for enhanced performance.

PROFESSIONAL EXPERIENCE

Project Management Specialist   **May 2019 - Dec 2022**
CareAccess MSO · Cerritos, CA
- Implemented compliance programs for healthcare organizations, delivered and met major high-stake project deadlines dictated by corrective action plans from external audit findings, and continually reviewed and updated policy language.
- Managed company policies and procedures within Microsoft SharePoint, ensuring organization and standardization.
- Identified and executed improvements in the document control process and developed detailed documentation, flowcharts, diagrams, and charts for standard operating procedures.

Facilities Engineering Tech   **Jun 2017 - Dec 2017**
California Resources Corporation · Long Beach, CA
- Verified critical attributes and inspection data within Credosoft database by reviewing equipment files, engineer drawings.
- Performed predictive calculations of equipment failure using Microsoft Excel and adhering to regulatory standards.

Manufacturing Engineering Co-op   **Oct 2016 - Apr 2017**
Air Industries Company · Garden Grove, CA
- Collaborated with the engineering team on manufacturing initiatives and computer-aided design (CAD) in Solidworks.
- Transformed paper-based routers into digital documentation, boosting the efficiency of the engineering planning process.

PROFESSIONAL DEVELOPMENT

Full Stack Developer Certification   **Expected Graduation: Sep 2024**
CodeStack Academy, San Joaquin County Office of Education
Learning new technologies, creative problem-solving, and full-stack web development. Contributed to Agile sprints, projects following the Scrum framework from scoping requirements through launch of the project.

Volunteer Engineer / Software Developer   **Jan 2024**
Girls Coding Collaboration, Girls Who Code
Supported teams of elementary school junior programmers with 3D modeling software, Autodesk Tinkercad, and Python coding at a community event dedicated to bridging the gender gap in technology.

EDUCATION

Bachelor of Science in Mechanical Engineering   **Graduated 2018**
California State University, Long Beach
Member of Pi Tau Sigma Mechanical Engineering Honor Society, Society of Women Engineers, Engineering Honors Program.