

Zachary Baird

Full-stack Developer

A full stack developer with a side of personality. I adore building large-scale applications to support key business needs. Robust design, development, and deployment across all sizes of organizations is what I'm good at.

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WORK EXPERIENCE

Software Developer Alpine Testing Solutions

05/2021 - Present

An employee-owned company that provides candidate management and psychometrics in the cert industry.

Achievements/Tasks

- Implemented telemetry to the REST API, providing visibility into application behavior and capturing data surrounding 3rd party errors.
- Added support for additional 3rd party badging managers for Alpine candidates.
- Provided technical mentorship to Project Managers on API testing & usage in tools like Insomnia.

Web Developer Leidos

09/2019 - 05/2021

Camp Hill, PA

An American defense, aviation, information technology, and biomedical research company.

Achievements/Tasks

- Implemented a microservice application to facilitate a technical refresh of defense software.
- Collaborated with stakeholders to understand business needs and design solutions to improve efficiency and accuracy of Army logistics and paperwork.
- Mentored team in React.js development and best practices.

Jr. Web Developer Penn Medicine

07/2017 - 09/2019

Lancaster, PA

A world-renowned academic medical center based out of Philadelphia.

Achievements/Tasks

- Collaborated in a large multi-site migration from KenticoCMS to Sitecore.
- Managed and integrated medical professional data stores across the Penn Medicine health system.
- Supervised 3rd party development teams and provided code-quality reviews to stakeholders.

EDUCATION

AS in Computer Informations & History State University of NY Broome

09/2013 - 06/2017

Binghamton, NY

SKILLS

Ruby

C#

Ruby on Rails

.NET & .NET Core

JavaScript

React

Vue

Git

Linux

Windows

Azure

Azure DevOps/TFS

Mentorship

PROJECTS

Entech FMA (02/2023 - Present)

- Collaborated with stakeholders to define the system architecture and ensure scalability and maintainability.
- Designed and developed a multi-tenanted system for a major civil engineering firm.
- Provided technical leadership and mentorship to team members.

Telkore Scheduler (10/2020 - 05/2021)

- Led a team of developers to design, develop, and deploy a task-management and scheduling system for a prominent AT&T contractor.
- Designed and implemented the system architecture using sockets, RavenDb, and React.js.
- Successfully delivered the project on time and within budget, meeting all project objectives and exceeding stakeholder expectations.

Telkore Inventory Manager (09/2019 - Present)

- Designed and implemented a user-friendly interface, which enabled easy adoption and utilization by end-users.
- Successfully maintained and enhanced the solution, impacting stakeholder success and contributing to the overall effectiveness of the project.

Modrinth Launcher (02/2023 - 05/2023)

- Successfully built out the skeleton of the application, establishing the core structure of the project.
- Conducted extensive quality assurance to ensure the integrity of the application.

The Odin Project (06/2018 - 09/2021)

- Maintained and wrote lesson material in The Odin Project's curriculum.

INTERESTS

Cybersecurity

History

Open-source development

Rust