

SKILLS

Languages: JavaScript, TypeScript, Java, C#, Terraform, SQL

Frameworks: Lightning Web Components, Angular, React, Spring Boot, .NET Core, Node.js, Next.js, PostgreSQL

Tools: Amazon Web Services, Microsoft Azure, Google Cloud Platform, GitLab, GitHub, Azure DevOps

WORK EXPERIENCE

State Farm, Software Engineer

January 2021 - April 2024

- Implemented a Node.js Lambda with ElastiCache for an API Gateway service on AWS that led to a web page load time of less than three seconds. Used Terraform and GitLab pipelines for deploying infrastructure changes.
- Developed Salesforce components to enhance user interfaces. Retired outdated Aura components by rewriting them to Lightning Web Components, reducing code in the repo by over thirty percent and improving readability.
- Implemented robust security on Salesforce by maintaining Apex triggers that provided shares to access data and created new permission sets and profile permissions that limited access to user interface.
- Ensured quality releases by adding comprehensive unit and end-to-end tests with Jest and Jasmine, achieving full code coverage and instilling confidence during releases.
- Maintained Java Spring Boot services by migrating pipelines from Jenkins to GitLab. Upgraded to the latest Java release and kept dependencies updated for security.
- Provided end-user support when issues arose due to cross-team data dependencies and tracked down data issues by using SOQL queries.

American Airlines, Software Developer

August 2018 - January 2021

- Developed and stylized an Angular app that leveraged NgRx to create dynamic forms and facilitate report submissions. Spearheaded test automation by adding Cucumber with Selenium end-to-end tests and Jest unit tests to reduce bugs.
- Enabled offline access by implementing progressive web app features, which led to the deprecation of a mobile app, thus improving team resource allocation and narrowing the focus on apps being developed.
- Initiated modernization efforts of a .NET Framework service by migrating to .NET Core and PostgreSQL, hosting it on Azure, and reducing API endpoints by thirty percent after deleting unused ones.
- Participated in a hackathon where my team placed second by developing an Angular app that leveraged computer vision to track baggage capacity on an airplane by analyzing the bag sizes of boarding customers.
- Contributed to InnerSource by working on React, Node.js, and GraphQL projects such as an app that tracked and ranked contributions to InnerSource repos on GitHub.

Concord Consortium, Inc, Web Developer Intern

June 2017 - August 2017

- Developed a plugin in React to make bar and pie charts in CODAP, a Data Science app for middle school.
- Practiced Javascript fundamentals such as asynchronous promises to update the UI based on user interactions

EDUCATION

Swarthmore College, Swarthmore, PA

August 2014 – May 2018

Bachelor of Arts, Computer Science

Brophy College Preparatory, Phoenix, AZ

August 2010 – May 2014

PROJECTS

alltrak.one, 2024

- Developed a React web app for logging custom workouts and exercises. Stylized with Tailwind CSS to create a responsive and functional design. Users can sign in with Google accounts and access data from any device. Built with Next.js and hosted on Google Firebase Cloud, it offers an easy way to track fitness routines and progress.

HGLeadership.com, 2023

- Built a website for a non-profit to showcase its mission and provide a contact form. Built with React and styled using Tailwind CSS, it is hosted on AWS S3 and uses AWS Lambda to handle form submissions.

GraceCleanAZ.com, 2019

- Deployed an Angular website for cleaning services business site offering quotes and a contact form for potential customers. Hosted on Google Firebase, it ensures reliable and efficient customer interactions.