

Work Experience

Junior Software Engineer Engineering Team	Akkodis Sacramento, California	July 2024 - Present
<ul style="list-style-type: none">Integrated ATIS and AWOS weather sensors into FlexIDS software, improving real-time data accuracy and reliability at domestic and international airports.Developed weather sensors to meet ICAO, WMO, and FAA standards, ensuring compliance and enhanced airport equipment functionality.Contributed to the ongoing development of MetObserver, FlexIDS, and NMT (Nids Maintenance Tool) software using Java, JGroups, Python and C++, optimizing performance and user experience.Conducted debugging and testing to identify and resolve software issues, ensuring reliable operation.Applied Agile methodologies to enhance project management and team collaboration, boosting development efficiency.Managed user stories and tracked bugs on Azure DevOps for effective project tracking and resolution.		
Web Developer Web Development Team	Trinchero Family Estates Napa, California	June 2023 – Dec 2023
<ul style="list-style-type: none">Enhanced web accessibility standards by addressing 40+ issues, boosting WCAG 2.1 AA compliance from 82% to 97%.Overhauled the SutterHome.com webpage using WordPress and PHP, increasing SEO performance by 30%.Directed seamless migration of TFE brand websites to Commerce7, applying CSS, JavaScript, and PHP to overcome styling and functionality challenges.Integrated UX design principles to elevate user experience.		
IT Support Associate II IT and Maintenance Team	Amazon Stockton, California	Nov 2020 – Jan 2023
<ul style="list-style-type: none">Resolved 1000+ server tickets monthly, maintaining system integrity and minimizing downtime in a fast-paced environment.Provided on-call support for Sev1 and Sev2 incidents.Created and updated SOPs to enhance team knowledge management.Troubleshoot printers and operational systems within the warehouse.		

Technologies and Languages

- Languages: Java, Javascript, Python, C++, Typescript, PHP
- Frontend: React, React-Native, Tailwind CSS, CSS3, HTML
- Backend: Node.Js, REST APIs, MongoDB, Redux, Postgres, Java Spring, Firebase
- Tools: CI/CD Pipeline, Azure Devops, Wordpress, GIT, Subversion, Agile, FileZilla, Bash, Github

Education and Certifications

- B.S. Computer Science**, California State University, Sacramento. **2020 – 2023**

Projects

Workout Generator App

Personal Project

Aug 2023 – Jan 2024

Mobile App Developer

- Crafted a cross-platform fitness app for **iOS** and **Android** using **React Native**, with **Redux** for streamlined state management, resulting in increased user engagement and satisfaction.
- Engineered a robust backend system with **Node.js**, **Express**, **Socket.io**, and **MongoDB**, seamlessly integrating the **ExerciseDB API** for personalized workout routines from over 1300 exercises.
- Integrated a feature-rich capability allowing users to save exercises to personalized routines, securely stored on **MongoDB**.

American River Parkway Navigation App

Senior Project

Jan 2023 – Dec 2023

Team-Lead & Mobile App Developer

Sacramento, California

- Revolutionized park navigation with an innovative **React Native** app, resulting in a **40% increase in user engagement** and a **25% reduction in visitor inquiries**.
- Implemented **CI/CD** and **Docker**, **cutting deployment time by 60%** and **saving 20 hours weekly with automation**.
- Managed an eight-person **Agile** team, leveraging **GitHub**, **Jira**, **Prettier**, and **ESLint**, boosting productivity by 30% and cutting code review cycles by 20%.
- Provided technical architecture leadership by setting up a **Postgres database** using **Supabase**, designing an **Express HTTP server**, and fostering collaborative pair-programming efforts, resulting in a 25% reduction in development time.

Todo list Web Application

Personal Project

April 2023 – April 2023

Web Developer

- Designed and developed a **responsive Todo List web application** using **React**, featuring a clean interface and smooth animations for creating, checking, and deleting tasks.
- Built and managed the **database** using **MongoDB**.
- Developed a **RESTful API** with **Node.js** and **Express.js** to handle database interactions, including fetching user-specific tasks, and implemented robust user authentication and registration.
- Implemented state management using **Redux** for efficient and scalable application **state handling**.

Paint Desktop Application

Personal Project

Aug 2022 – Aug 2022

Java Developer

- Engineered a **JavaFX-based graphical application** showcasing proficiency in **Java** and **JavaFX** for creating a **modular** and extensible drawing tool.
- Implemented an **object-oriented** design pattern, utilizing **abstract** classes and **interfaces** to structure tools, facilitating the seamless addition of new drawing features and tools in the future.
- Developed a feature-rich application with **color selection**, **diverse shape tools** (point, line, rectangle, oval, rounded rectangle), and **canvas manipulation functions**, highlighting advanced skills in **GUI development** and **software design**.