

Christopher A. Kalla

1406 East Colt Road, Tempe Arizona 85284 (480) 616-3022 Christopher.Kalla@Gmail.com

Skills

- React
- Node.js
- C#
- Java
- Angular
- NoSQL & MySQL Databases
- Elasticsearch
- Jenkins
- HTML & CSS (Bootstrap)
- Version Control (GIT)
- AWS
- Process Improvement

Professional Experience

Senior Software Engineer

Mural, Full Stack Senior Software Engineer, San Francisco, CA

October 2023 – Present

- Lead and developed a large scale refactor project for a few of Murals most important enterprise customers. Worked with product closely to solution a better user experience. Facilitated in the research of the current logic, decoupling the code and then rebuilding from the ground up with modern react functional components, hooks and context api. The project was completed ahead of schedule and saved the company from losing over 500,000 user subscriptions.

Software Engineer

Mural, Full Stack Software Engineer, San Francisco, CA

January 2022 – September 2023

- Utilized modern React hooks, state management and functional components to cleanup older code and make the application run more efficiently.
- Worked with Elasticsearch and MongoDB to populate data in elastic indexes and enhance the search functionality of the Mural application.
- Implemented new endpoints in the Node.js layer of the API, which was written in TypeScript, and created the front-end functionality of the new endpoints in React which was also written in TypeScript.
- Utilized Optimizely to create feature flags, A/B testing and feature experiments to allow development teams to build new features iteratively so that they could be tested before releasing those features to large customers such as IBM.

Software Engineer

Vixxo, Full Stack Software Engineer, Scottsdale, AZ

August 2018 – December 2021

- Created a Micro Service API for Quote functionality to work in the web application. Integrated the web application to communicate with the new Micro Service API.
- Met the project goals and sprint deadlines in an agile environment, working with 3 different remote teams across the world ultimately deploying to the customer successfully.
- Utilized AWS to host the applications and API's. Built environments in AWS to host those applications.
- Used SpecFlow for integration testing across various integrated pieces of software.
- Worked on the Xamarin mobile application in helping to release the mobile version of Vixxo Link in April 2020
- Utilized Behavior Driven Development framework to create the Service Request Microservice. Created the project and hosted it in Azure.
- Built the Vixxo Link Web application in Angular which was released to customers in April 2020
- Created a User Management page which contains a modal for creating new users, a search bar for searching users and a table to view all the users associated with their metadata. Setup the service component to call our GraphQL API utilizing Apollo.
- Implemented an Invoice Table in Angular that allowed searching, filtering, sorting and selecting of data on the UI. Setup the service component to call our Invoice Microservice.
- Added integration testing utilizing Karma to test critical workflows in the application such as service request creation.
- Helped in creating a Parts Sync tool that communicates with our Oracle database and updates our current Maria DB.
- Worked with Docker and Jenkins to host our API's and Web App in AWS and Azure.
- Integrated our legacy SOAP API with our Service Request Microservice

Supply Chain Analyst

Vixxo, Supply Chain Analyst, Scottsdale, AZ

February 2015 – July 2018

- Manage and monitor the supply chain of inventory for Vixxo customers through reporting analysis and technology.
- Assisted in reconciling \$5,000,000 in inventory for Starbucks Corporation by working with their accounting team and doing an analysis on 4-years' worth of transactional data. Once identified, further reporting was put in place to add controls in inventory management.
- Help to increase cycle count compliance and SLA (First Time Fix) by providing root cause analysis on part failure and mismanagement of parts. Accomplished this by building strong relationships with internal departments and the customer during par reviews and further data analysis.

Professional Leadership Experience

Education

Master of Computer Science (Big Data Systems)

Ira A. Fulton Schools of Engineering, Arizona State University, Tempe AZ

April 2019 – December 2021

Bachelor of Science, Supply Chain Management

W. P. Carey School of Business, Arizona State University, Tempe AZ

December 2009

- Leadership Principles, Harvard Business School
- Software Engineering Certification, University of Arizona
- Software Engineering Portfolio: <https://www.chriskalla.com/>

January 2021 – December 2021

January 2018 – July 2018