

Zachary Kauffman

Intuitive. Driven. Personable.

PERSONAL

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EDUCATION

B.S. Computer Science, Oregon State University
Minor in Psychology – Class of '21

PROFESSIONAL EXPERIENCE

Software Development Engineer – Amazon

2022 - Current

React, Typescript, Node.js, Java, Python

- Launched a new customer experience within Amazon's education benefit program, Career Choice. Increased concurrent users by 19%, which amounted to over 100,000 new users.
- Automated a weekly email system, which delivered targeted career development tips to executive leadership. Worked directly with stakeholders to implement performance metric collection, reducing data collection time by 80%. Reduced time spent manually testing and preparing the emails by 3 hours week-over-week.
- Spearheaded development of an internal content management service, which utilized machine-powered translation to automate a lengthy localization and deployment process. Independently designed and implemented the frontend. Reduced time spent manually handling content by 95%.

Software Development Engineer – Novus Labs

2021 - 2022

Swift, Objective-C, C++, CMake, Bash, Python, React, Javascript, Node.js, Kubernetes

- Launched an internal data visualization React webapp via a containerized process in Kubernetes.
- Developed a native iOS Bluetooth API for an app with 50k concurrent users. Led a team of 3 other developers, which involved maintaining documentation, sprint planning, and establishing clear expectations between the tech team and our stakeholders.

PROJECTS

PearScale – Github Repo

2019-2021

Node.js, Express.js, React.js, MongoDB, Auth0, Docker

- Created a social media platform for posting images of Pears using a Node.js framework. Designed and implemented a functional front-end using React.js and custom CSS, as well as a backend with an API supported by a containerized MongoDB database through Docker.

VizTester – Github Repo

2020-2021

.NET Core 3.1, Auth0

- Integrated user account functionality for a web application based on .NET Core. Worked extensively with Auth0's API to enable users to login, store data, and view other user's data.

SKILLS

Languages Typescript, Javascript, Python, Java, C/C++, Swift, Objective-C
Libraries React.js, Next.js, Jest, Native AWS
Disciplines Full-stack web development, UI/UX design, system design