

Zachary Kauffman

PERSONAL

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EDUCATION

B.S. Computer Science, Oregon State University
Graduated June 2021

PROFESSIONAL EXPERIENCE

Software Development Engineer – Amazon

2022 - Current

React, Typescript, Node.js, Java, Python

- Launched a new customer experience for Amazon's Career Choice program, increasing concurrent users by 19% (approx. 100K new users.)
- Built and maintained an automated email system for executive leadership; reduced data collection and prep time by 80%.
- Designed and implemented an internal CMS frontend with machine-powered translation and automated localization workflows, cutting manual work by 95%.

Software Development Engineer – Novus Labs

2021 - 2022

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

- Led development of a Bluetooth API in a native iOS app with 50K concurrent users; managed a team of 3 engineers and served as sprint lead.
- Delivered a containerized internal data visualization dashboard using React and Kubernetes for product 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 built off a Node.js framework. Implemented a React frontend, as well as 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
Frameworks React.js, Next.js, .NET Core, Express, Jest
Tools Docker, Kubernetes, AWS, Auth0, Git
Focus Areas Full-stack web development, UI/UX design, system design