

# Christian Peterson *Software Engineer*

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## 👤 Profile

Full-stack software engineer with expertise in React, TypeScript, and Java, specializing in high-performance web applications and front end architecture. Proven track record of delivering features on time for millions of users.

## 🧠 Skills

### Frontend

React, Typescript, Javascript, Remix, Next.js, Tailwind, Jest, Webpack, D3, Astro, component libraries, design systems

### Backend

Java, Python, Node.js, Express, GraphQL, tRPC, Zod, Prisma, PostgreSQL

### Other

Amazon Web Services, Docker, Git, Jira

## 📁 Professional Experience

### Software Engineer, *Benefitfocus*

Jan 2022 – Feb 2024

Remote

- Owned feature development of a high-traffic application platform for deploying internal micro front-end applications, enabling custom theming and configurations for millions of customers.
- Delivered new features on-time as the sole full-stack engineer on a team of three backend engineers through cross collaboration with Product Owners and Account Managers.
- Optimized Oracle SQL database queries and implemented caching strategies to improve query performance, reducing the web application TTI, or Time to Interactive, by 7s.
- Expanded the functionality of a GraphQL server by implementing new queries, mutations, and types to support additional front-end features.
- Fine-tuned Webpack configuration to deliver efficient bundling and increase developer productivity by lowering the hot reload cycle from 10s to 700ms.
- Increased application reliability by utilizing Zod type definitions in Typescript, enabling efficient type sharing and reducing errors across the codebase.
- Diagnosed and resolved long-standing bugs in a legacy Java codebase to ensure high-quality performance and functionality.
- Designed and executed Jest and JUnit tests to deliver a seamless user experience for millions of users.

### Software Engineering Intern, *Benefitfocus*

May 2021 – Dec 2021

Remote

- Identified and resolved bugs within React applications to improve the overall stability of the company platform
- Upgraded multiple components in the React component library to use open source solutions for enhanced accessibility and long-term stability

## 📁 Projects

### Building a Google Calendar endpoint, *An iCalendar endpoint for local events* [🔗](#)

Aug 2022

- Wrote a small library for aggregating local events, movie showings, and concerts at local venues

## 📜 Certificates

### AWS Certified Cloud Practitioner

Issued April 2024

## 🎓 Education

### Bachelors of Science, Computer Science, *University of Arizona*

2018 – 2021

**Coursework included** Web Programming, Human Computer Interaction, Analysis of Discrete Structures, System Programming and Unix, Text Retrieval and Web Search

Tucson, AZ