

JAKE PEARSON

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SUMMARY

Results-driven software engineer with a strong foundation in full-stack development. Skilled in creating efficient and user-friendly web applications using modern technologies such as React, TypeScript, Node.js, and MongoDB. Committed to writing clean, maintainable code and collaborating with teams to deliver high-quality software solutions.

TECHNICAL SKILLS

Front End | React, TypeScript, NextJS, Javascript ES6+, NodeJS, CSS3, HTML5, SASS

Back End | Node.js, SQL, TypeScript, Firebase, MongoDB, AWS, Express.js

Developer Tools | Git, Node, Vite, Babel, Vercel, ESLint, Lighthouse, Webpack

PROJECTS

Munkey AI

[Source](#) [Next.js 13 \(React\)](#) | [TypeScript](#) | [Firebase](#) | [Node.js](#) | [Auth](#) | [TailwindCSS](#) | [OpenAI](#)

- Developed a user-friendly UI that reduced user error rate by 30%, based on usability testing with 50+ participants
- Engineered data modeling and API endpoints with Firebase, resulting in a 40% increase in website load speed

AI Image Generator

[Source](#) [Next.js 13 \(React\)](#) | [TypeScript](#) | [Node.js](#) | [Auth](#) | [Azure](#) | [OpenAI](#)

- Redesigned the UI, reducing user error rate by 50% and increasing user retention by 40%
- Implemented server-side rendering, leading to a 50% increase in organic traffic and a 15% increase in conversion rate

Personal Blog

[Source](#) [Deployment](#) [Next.js 13 \(React\)](#) | [Vercel](#) | [TailwindCSS](#) | [TypeScript](#) | [Sanity CMS](#)

- Optimized SEO with server-side rendering, achieving a 99 Lighthouse score
- Improved web page quality by enabling text compression through React Lazy Load, increasing Google Lighthouse performance by 162%
- Reduced page load times by 50% through code splitting and image optimization
- Authored technical articles and tutorials to share knowledge and grow readership

EDUCATION

University of Oregon

Bachelors of Science | Computer Science Discontinued

Coding Bootcamp Certificate 2024

- Built REST APIs and integrated MongoDB databases with Express and Node.js
- Developed full-stack social network web app using MERN stack

EXPERIENCE

Server | Eugene Country Club June 2022 - Present

- Delivered exceptional customer service, contributing to a 20% increase in customer satisfaction ratings
- Collaborated with a 15-member team to maintain a clean and efficient work environment, resulting in a 15% increase in table turnover rate

Software Engineer Intern | Matt Young Media July 2023 - August 2023

- Developed new features and fixed bugs in React apps using JavaScript, HTML and CSS to improve product
- Built RESTful APIs and integrated with MySQL databases using Node.js and Express to expand backend functionality
- Implemented test-driven development with Jest to achieve thorough test coverage and prevent defects
- Actively participated in Agile rituals like standups, planning, and retros to learn real-world development workflows