Jonathan Cho

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SUMMARY

Recent graduate driven by a passion for developing seamless user experiences and efficient back-end systems with a focus in React(Next.js). I thrive in collaborative environments, bringing strong problem-solving, communication, and team synergy to the table. My projects, from social media platforms to real-time chat applications and e-commerce solutions, reflect a commitment to innovation, user satisfaction, and security. Excited to contribute and grow further in a dynamic software engineering role

TECHNICAL SKILLS

TypeScript | JavaScript | React | Next.js | MySQL | MongoDB | HTML/CSS | Java | C | Git | NextAuth | Prisma | TailwindCSS

EXPERIENCE/PROJECTS

Social Media Platform - <u>View Project</u>
(React, TypeScript, Next.js, Tailwind CSS, Prisma, MongoDB, NextAuth) - <u>Github</u>
HE4RTS
- Created Twitter-inspired social media platform, applying Agile methodologies to enhance user-centric design.
- Implemented React and Next.js in the frontend, crafting dynamic, interactive UIs with server-side rendering.
- Integrated Prisma with MongoDB to manage database operations, ensuring robust and secure data handling.
- Incorporated NextAuth for secure authentication and session management, enhancing the platform's security.

AI Icon Generator (SaaS) - <u>View Project</u>
(React, Next.js, TypeScript, OpenAI DALL-E-2 API, Prisma, PostgreSQL, Stripe) - <u>Github</u>
VectoAI
- Led the creation of VectoAI, a web application leveraging OpenAI's DALL-E-2 API for dynamic icon generation, aimed at users needing custom icons for various applications. Created working with a small team with Git CI/CD.
- Integrated Prisma with PostgreSQL for robust data management; integrated Stripe for a subscription-based model, enabling unlimited icon generation, demonstrating a keen aptitude for monetization strategies.

Real-Time Chat App - <u>View Project</u>
(Next.js, React, TypeScript, Socket.io, Prisma, Tailwind, MySQL) - <u>Github</u>
EchoTalk
- Developed a comprehensive full-stack chat application leveraging Next.js and React for the frontend.
- Enabled real-time messaging between users, supporting one-on-one text and video conversations as well as the creation of text, audio, and video call channels.
- Implemented advanced features including real-time message editing and deletion, infinite scrolling for efficient message retrieval, and comprehensive server and user management capabilities.

Full Stack E-Commerce Platform - <u>View Project</u>
(React, TypeScript, Next.js, MySQL, Stripe) - <u>GitHub</u>
- Built a multi-vendor e-commerce platform enabling seamless operation and management of diverse online stores, including secure authentication and Stripe for payment processing, emphasizing security and efficiency.
- Implemented robust admin dashboard for CMS, product, category, and order management with automated API route generation, streamlining administrative workflows and enhancing operational efficiency.

EDUCATION

University of Washington Tacoma | Bachelor of Arts in Computer Science & Systems.   Aug-2020 - August 2023
Tacoma, WA
- GPA: 3.67
  - Relevant courses: Data Structures, Design & Analysis of Algorithms, Programming Language Concepts, Operating Systems, Computer Networks, and Database Systems Design.