

# Jonathan Cho

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## SUMMARY

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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 software as a service 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 software engineering role.

## TECHNICAL SKILLS

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TypeScript | JavaScript | React | Next.js | PostgreSQL | MongoDB | HTML/CSS | Java | NextAuth | Prisma | TailwindCSS

## EXPERIENCE/PROJECTS

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### Property Rental Marketplace - [View Project](#)

(Next.js, React, Tailwind CSS, Prisma, MongoDB, NextAuth) - [Github](#)

*AeroLodge*

- Engineered a full-stack rental marketplace leveraging Next.js 14 for sophisticated routing, integrating responsive UIs crafted with React and Tailwind CSS, while handling database operations through Prisma and MongoDB.
- Implemented comprehensive property and booking management functionalities, and secured the platform with multiple authentication methods via NextAuth.

### AI Icon Generator (SaaS) - [View Project](#)

(React, Next.js, TypeScript, OpenAI DALL-E-2 API, Prisma, PostgreSQL, Stripe) - [Github](#)

*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 of two.
- 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.

### Social Media Platform - [View Project](#)

(React, TypeScript, Next.js, Tailwind CSS, Prisma, MongoDB, NextAuth) - [Github](#)

*HE4RTS*

- Crafted a social media platform, enhancing user engagement with dynamic features such as likes and notifications..
- 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.

### Real-Time Chat App - [View Project](#)

(Next.js, React, TypeScript, Socket.io, Prisma, Tailwind, MySQL) - [Github](#)

*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

## EDUCATION

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**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.