

Brandon Kim

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SUMMARY

Seasoned Backend Developer with expertise in TypeScript, Python, Microservices, AWS, and Docker. Proficient in creating scalable systems, enhancing code quality, and driving project efficiency. Strong in Computer Science and Business, dedicated to continuous learning, overcoming challenges, and delivering outstanding results.

EXPERIENCE

Backend Developer | Thumb Technologies

January 2023 - Present

- Implemented integration of platform with Microsoft Active Directory, enabling automatic user provisioning through the SCIM protocol.
- Incorporated industry-leading linting and formatting tools to establish coding standards, resulting in a 40% enhancement in code quality and maintainability.
- Streamlined agile development process by establishing clear sprint goals and timelines, leading to a 20% increase in project completion efficiency.
- Optimized core application to increase resource utilization by 20% and improve error handling, resulting in smoother operation and fewer downtimes.

Full Stack Developer | The Villa Life

October 2021 - July 2023

- Oversaw an international team of developers across three countries to develop the initial MVP used to raise over \$1MM in investment funding.
- Implemented NestJS and Typescript as replacements for NodeJS and Express to improve code efficiency by 30%, reduce error rate by 30%, and implement a new architecture that improved efficiency and maintenance.
- Developed an affiliation program to establish strategic partnerships with travel agents and influencers, resulting in a 20% increase in revenue.
- Implemented Redis cache for frequently accessed DBs and a new pricing structure to reduce database resource usage by 80%.
- Collaborated with the CTO to successfully implement a new pricing structure, utilizing existing database structure to seamlessly support both old and new systems, resulting in a time-saving of 240 hours.

Backend Developer | bitHolla

April 2019 - October 2021

- Led the development of a trading algorithm bot to provide liquidity to the exchange, increasing customer volume by more than double, increased transaction fee revenue by 100%, and reduced liquidity maintenance hours by 90%.
- Created the architecture for open-source plugin development, increasing developer engagement on Discord and Github by 60%, the new architecture allowed the development of three plugins within the first two months.
- Integrated a third party KYC service to significantly improve user authentication services, this automation of the authentication flow decreased error rate by 30% and improved efficiency by 90%.

EDUCATION

BS, Computer Science | Oregon State University

Corvallis, OR, 2024

- Currently attending

BS, Business Administration, Finance | University of California, Riverside

Riverside, CA, 2017

SKILLS

Languages: TypeScript, Python, Golang, JavaScript, SQL, HTML/CSS

Technologies: AWS, Docker, Node, PostgreSQL, Django, React, Redis

Concepts: Microservices, RestAPI, Agile, Bot Development