Isaiah Yoon

(323) 774-8524 isaiahyoon22@gmail.com isaiahyoon.github.io Los Angeles, CA

Professional Experience

SOFTWARE ENGINEER, ACCOMPANY HEALTH — AUG 2023 - OCT 2024

- Built a priority queue for high-intent patient leads, reducing dropped calls by 70%
- Developed patient-visit APIs using Go and PostgreSQL; implemented Twilio webhook signature validation
- Optimized communication-portal pagination, reducing page load times by 5 seconds

SOFTWARE ENGINEER, MICROSOFT — JUN 2021 - MAR 2023

- Optimized Edge's New Tab Page through JavaScript bundle preloading and unused-component removal, reducing load times by 25%
- Built TypeScript/React engagement features serving approximately 3 million daily users and generating $1 million in incremental annual advertising revenue
- Shipped React UI refinements validated through A/B testing, increasing Windows News and Interests daily active users by over 1 million and annual advertising revenue by $100,000

SOFTWARE ENGINEER, MARQETA — JUL 2020 - MAR 2021

- Built a payment-order microservice handling $500 million in daily payment volume
- Provisioned AWS infrastructure with Terraform for a reconciliation platform supporting 100 million daily payment transactions; implemented Vault-based secrets management

SOFTWARE ENGINEER, EARNIN — SEP 2017 - APR 2020

- Developed Earnin's first backend microservice for cashback rewards, increasing app engagement by 10% within three months of launch
- Built backend web services integrating with Plaid and MySQL to securely fetch bank data for over 2 million users, increasing daily bank-data retrievals by 40%
- Extracted bank connectivity into a dedicated microservice; added read replicas and optimized queries, reducing latency by 15%

Independent & Community Projects

CREATOR & ENGINEER, THE AMAZING WORD — NOV 2024 - PRESENT

- Built and launched an eight-language Scripture reader and installable web app, reaching readers across 57+ countries and territories
- Architected a static, offline-capable application with service-worker caching, on-demand book loading, edition-specific downloads, and generated Scripture datasets; validated behavior with Node.js and sharded Playwright tests
- Implemented ranked client-side search, localized reference suggestions, and cross-edition passage sharing with verse-number alignment

WEB DEVELOPER, IMMANUEL CHURCH OF AMERICA — NOV 2026 - PRESENT

- Built a bilingual English–Korean church website using Node.js and Express, with server-rendered pages, sermon audio playback, and shareable sermon links
- Developed a sermon-management portal with audio uploads and replacement, bilingual metadata editing, and owner-managed administrator accounts
- Implemented two-factor administrator authentication with authenticator codes and recovery codes, plus session management, CSRF protection, and login throttling

SOFTWARE ENGINEER, BLUEPRINT, TECHNOLOGY FOR NON-PROFITS — SEP 2015 - MAY 2017

- Developed an online course platform delivering environmental job training and restorative education for formerly incarcerated individuals in collaboration with Roots of Success
- Built a spreadsheet management portal for the California Rangeland Trust, reducing clerical errors by 50%

Education

UNIVERSITY OF CALIFORNIA, BERKELEY — B.A. IN COMPUTER SCIENCE AND COGNITIVE SCIENCE, 2017

Skills

- Languages: Go, Java, C#, Python, TypeScript, JavaScript
- Backend & Data: Node.js, Express, PostgreSQL, MySQL, API design, microservices, distributed systems
- Infrastructure & Tools: AWS, Terraform, Vault, CI/CD, Playwright, React