

Jonghyeon Ham

Founder/CEO @ refresh.cv

United States | [LinkedIn](#)

EXPERIENCE

Founder/CEO

Oct 2024 — Present

refresh.cv

대한민국

refresh.cv

- Drove zero-to-one across product, architecture, full-stack engineering, UX design, data analytics, and GTM/sales
- Shipped resume editor with agent-based resume authoring, revision, and feedback
- Launched resume scoring and feedback based job description
- Delivered resume web templates and resume card components

Server Developer

Mar 2023 — Oct 2024

Viva Republica (Toss)

Gangnam District, Seoul, South Korea

Toss Ads

- Built and operated ad platform used in 15M+ MAU Toss app for campaign execution, review, and performance
- Implemented ad performance ingestion/aggregation (impressions, clicks, plays) with Kafka, Druid, Impala
- Implemented real-time CPM/CPC billing; ensured data integrity at scale with local cache + flush pattern
- Contributed to settlements, agency commission payouts, and tax invoice issuance
- Shipped ad account/group systems and integrated with Toss Business Display Ads product (monthly 10B+ KRW scale)
- Contributed to eCPM-based ad recommendation and ranking improvements, driving >1B KRW monthly uplift
- Implemented multiple optimization strategies to minimize ad refresh and serving latency, improving both UX and fill rate.
- Implemented CPC (cost-per-click) and CPM (cost-per-mille) billing logic end-to-end for our ad serving pipeline.
- Built real-time dashboards and alerting to monitor impressions, clicks, and spend in production, catching ad-serving incidents before they impact revenue

Live Shopping

- Optimized performance with tens of thousands of peak RPS without degrading UX using Local Cache, Redis and Kafka optimizations
- Authored article on handling large-scale traffic without adding servers (<https://toss.tech/article/monitoring-traffic>)

Credit Score Board

- Built product aligned to financial context and user comprehension

Benefits Tab (8M+ DAU)

- Shipped Lucky Quiz, Lucky Lottery, Money Alerts, and Weekly Missions
- Owned product development and operations from advertiser and user perspectives

Co-Founder, Lead Software Developer

Nov 2020 — Mar 2023

트랜스버스(Transverse Inc.)

대한민국

founding team; leading product roadmap and led a 10-engineer team

Evoclass: real-time video conference platform

- Implemented WebRTC SFU with Mediasoup and high-performance socket servers using uWebSockets
- Built server orchestrator and demand forecasting to reduce streaming cost and ensure efficiency
- Created container-based load testing to guarantee real-time video/audio QoS and performance
- Delivered real-time STT and translation via browser-native APIs
- Built AI-powered video effects: background blur, virtual background, face morphing

Learning Management System

- Designed and implemented system architecture
- Integrated with the video platform to enable AI-driven learning features

EDUCATION

Korea Advanced Institute of Science and Technology

Mar 2020 — Feb 2027

Undergraduate in Computer Science

- Admitted via special talent track
- Developer, SPARCS student open-source club (sparcs.org)

Korea Digital Media High School

Mar 2017 — Feb 2020

High School

- Admitted via contest winner track (KOI)
- Graduated 1st in IT Literacy Certification Program

PROJECTS

Baseweb, Uber

- Fixed an error in the official documentation
- Pull Request #4355

neis-counter

- Product Owner & Maintainer
- Served 500k users in the last 12 months; used by ~1 in 10 Korean high school students

NeuralAction

- Product Owner & Maintainer
- A Real-time and Accurate Gaze Tracking Application for a More Natural Human-Computer Interaction with User Interface

CERTIFICATIONS

1st place, OpenResource Hackathon Seoul , Common Computer Inc, AI Network	Dec 2019
Talent Award of Korea , Ministry of Education	Nov 2018
Grand Award 4th place, Intel International Science and Engineering Fair (ISEF) , Intel, Society for Science May 2018	
1st, Korea Youth Science Creativity Challenge (ISEF-K) , National Information Society Agency	Feb 2018
Gold Medal, Korea Olympiad in Informatics (KOI) , Ministry of Science and ICT	Nov 2017
Large-Scale Traffic Without Adding Servers,	
Rehearsal: Designing Systems for AI Interviews,	

SKILLS

Kotlin · 스프링 프레임워크 · WebRTC · Backend · Frontend · DevOps · Machine Learning · 리서치 · 파워포인트 · 자바 · C# · C · Python · Flask · PHP · Node.js · MySQL · Docker · 아마존 웹 서비스(AWS) · Visual Basic .NET · WPF · Zeplin · Photoshop · Illustrator · After Effect · 3D 스튜디오맥스 · UI 디자인 · UX 디자인 · Socket.io · HTML5 · CSS · Javascript · JQuery