Kyeongseok Kang │ Resume

I am Kyeongseok Kang (Handy), a front-end developer with 8 years of experience in various services in the mobility and media domains, practicing a development philosophy that pursues convenience.

From founding a startup and forming a team, to joining as a team member and leading frontend teams, I have taken on a variety of roles and have consistently valued a culture of collaboration and knowledge sharing.

I aim to solve the greatest problems with the smallest amount of code, pursuing efficient and maintainable code.

I regularly document and share insights about frontend development and beyond through my tech blog and GitHub.

Site │ https://kang-portfolio.vercel.app

GitHub │ https://github.com/gyeongseokKang

Blog │ https://all-dev-kang.tistory.com (0.7m view)

Email handy.kang.dev@gmail.com

Phone │ 010-6626-1491

Careers

Gaudio Lab

Front-End Lead Developer │ July 2022 ~ current

- Leading web-based product development utilizing audio AI technology
- Developed media technologies such as Web Audio API, AudioWorklet, Web Worker, etc.
- Designed and developed internal ETL tools for processing audio data and serving AI models
- Provide direction on front-end architecture and lead team operations, including scheduling and division of labor

Tmax Tibero / TmaxBI (TmaxTibero / TmaxBI)

Researcher │ Feb, 2020 ~ Jun, 2022 (1y 4m)

- Led the renewal of HyperData analytics UI, designed and implemented based on React and TypeScript
- Designed dashboards and developed 20+ chart visualization components based on React and TypeScript
- Created no-code statistical tools based on ipywidgets + Jupyter

carChap

Android Developer & Co-founder │ Dec, 2018 ~ Jan, 2020 (1y 2m)

- Planned and developed integrated mobility app "CarChap" → Achieved 200,000 downloads and attracted seed investment
- Solely implemented location-based calling, route navigation, and real-time traffic functions (Java/Kotlin-based)

- As a founding member, led the entire process of establishing service goals, pivot strategy, and lean MVP validation

TeckStacks

- Frontend: TypeScript, React.js, Next.js, Flutter
- Audio/Media: Web Audio API, AudioWorklet, Wasm, Wavesurfer.js (contributor)
- Backend/Infra: Firebase, Supabase, Docker, ArgoCD
- Tooling & CI/CD: Git, GitHub Actions, Vercel, Storybook, Cursur.ai, AWS

Projects

Gaudio Studio | Web browser-based music separation service

- Accomplishments: Successfully transitioned to monetization, achieved $300 million in revenue and 30,000 MAUs in first year
- Technology: TypeScript, Next.js, WebAudio API, FFmpeg Wasm
- Role: Designed front-end architecture, built audio processing workflow, led

Music Placement | Web browser-based AI media editor service

- Accomplishments: Won multiple B2B contracts, implemented web-based media editor
- Technologies: Wavesurfer.js customization and contrib, WebAudio + Wasm
- Role: Technical lead, implemented complex audio visualization and editing interface

Gaudio Sing | Discography Karaoke Management Tool

- Accomplishments: Registered N million songs per month, provided and maintained a stable service
- Technology: TypeScript, Next.js, ABAC
- Role: Designed permission control logic for each user, implemented music editing function, implemented operation management UI

HyperData | Business Intelligence Service

- Outcome: Optimized 3-step analysis → Reduced existing analysis time to 1/10 of the time
- Technology: React, TypeScript, ipywidgets, Jupyter
- Role: Developed analytics scenario-based recommendation engine, designed no-code statistical analysis tool

CarChap | App-based integrated mobility service

- Accomplishments: Developed MVP, attracted seed investment, achieved 200,000 downloads
- Technology: Android (Kotlin), Firebase, API integration, location-based services
- Role: Sole development, architecture design, external API integration

Activity

OpenSource

- wavesurfer.js │ bugfixes and contributions 🔗.
- handy-snippets │ Released custom snippets for internal use, Vscode extension 🔗.

Publication

- Research on ANOMALY DETECTION utilizing GAN and DNN models │ Graduation Thesis 🔗
- (Tentative title) Handy React: Developing with React and Typescript with ease │ 2nd retirement as of June 25, 2020

Award & Certificate

Award

- 2023 │ Gaudio Lab - Integrity Award during PIETTIC (Reliable collaboration, high level of work performance)
- 2021 │ Tmax Citation - Outstanding Employee Award, Woori Bank OnTact Competition - Excellence Award
- 2019 │ Youth Startup Awards, Gyeonggi-do University Student Convergence Startup Support Competition, Kwakseok Campus Town Startup Contest, and 8 others
- 2018 │ Korea Telecommunication Society Autumn General Conference - Best Paper Award

Certificates

- Information Processing Engineer & Industrial Engineer
- SQLD, ADSP

Education & Military Service

Education

Chung-Ang University, School of Computer Science │ 2014.03 ~ 2020.02

- Undergraduate researcher at the Ultra-Intelligent Computing and Communication Networks Laboratory(UCLAB)

Military Service

Sergeant, Expired Retired │ 2015.12 ~ 2017.09

- Network Operator, Ministry of Defense Network equipment management and security inspection