

TECHNICAL SKILLS

Languages: Javascript, Typescript, Python, Java, MySQL, Bash

Framework: React, Next.js, GraphQL, Nest.js, AWS (RDS, Aurora, DynamoDB, S3, Lambda, SQS), NoSQL

Tools: Github, Jenkins, Kubernetes, Docker, Jira, Slack, Bitbucket, Three.js

Certificates: [AWS Solution Architect Professional](#)

PROFESSIONAL SUMMARY

Over 6 years of experience in software engineering, crafting innovative mobile applications and building robust backend systems. Proficient in JavaScript and other technologies such as React, Node.js, and AWS, with a proven track record of optimizing data processing and scaling applications for large user bases.

EMPLOYMENT HISTORY

Lotte Healthcare, Seoul, South Korea

May 2023 - Aug 2024

Software Engineer

- Designed and implemented a scalable Java Spring backend system for a healthcare application, 'Cazzle'.
- Developed a high-efficiency crawling batch server using Python, AWS Airflow, and ECS.
- Built an optimized data-pipeline for e-commerce settlement, reducing processing time by 20%.
- Collaborated with the devops team to automate existing backend systems using AWS and Github Action.

Humanscape, Seoul, South Korea

Mar 2022 - Jan 2023

Software Engineer

- Developed distributed, resilient, and high-performing backend services using Nest.js, and Kubernetes.
- Contributed to growing the user base to 600K cumulatively and achieving 350K MAU.
- Optimized query performance, reducing response time from 4 seconds to 100ms by leveraging Elasticsearch.

Redbik, Seoul, South Korea

Mar 2019 - Feb 2022

Software Engineer & Co-founder

- Launched the Travut mobile application on the Apple App Store and Google Play using React Native.
- Implemented highly scalable microservices leveraging AWS AppSync, Lambda, and EventBridge.
- Integrated Fastlane CI/CD and CodePush to enable autonomous application deployment.

Suhwoo Co., Seoul, South Korea

Oct 2018 - Feb 2019

Software Engineer

Korea Research Institute of Chemical Technology, Daejun, South Korea

Jul 2014 - Oct 2017

Data Analyst

EDUCATION

University of California, Los Angeles

Chemical and biomolecular engineering, bachelor's degree

Class of 2012

Seoul National University

Chemical and biological engineering, master's degree

Class of 2014