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**PROFESSIONAL SUMMARY**

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Over 6 years of experience in software engineering, I have successfully delivered innovative mobile applications and built robust backend systems. I am proficient in Typescript(JavaScript) and technologies such as React, Node.js, and AWS. As a passionate problem solver for learning and continuous improvement, I am excited to bring my skills and experience to new challenges and make a positive impact through my work.

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**TECHNICAL SKILLS**

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Languages: Typescript(Node.js), Typescript, Python, Java(Spring), MySQL, Bash, HTML, CSS

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

Tools: Github, Jenkins, Kubernetes, Docker, Jira, Slack, Bitbucket

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**EMPLOYMENT HISTORY**

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**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.
- Implemented mobile-first designs leveraging modern CSS frameworks to optimize responsive layouts.
- Contributed unit tests to multiple codebases, increasing code coverage to above 80%.

**Redbik, Seoul, South Korea**

Mar 2019 - Feb 2022

Software Engineer &amp; 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

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**EDUCATION**

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**Seoul National University**

Chemical and biological engineering, master's degree

Class of 2014

**University of California, Los Angeles**

Chemical and biomolecular engineering, bachelor's degree

Class of 2012

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**CERTIFICATION**

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[AWS Solution Architect Professional](#)[Udacity Full-Stack Web Developer Nanodegree](#)