

SANDY (SEUNGJI) LEE

Birmingham, United Kingdom | +44 7774 607931

sandyleedev@gmail.com | [GitHub](#) | [LinkedIn](#)

Profile

Software Engineer with hands-on experience in full-stack development, cloud infrastructure, and CI/CD. Skilled in React, Next.js, Spring Boot, and AWS. Dedicated to delivering scalable, reliable, and secure software solutions while continuously improving technical expertise and contributing to collaborative engineering teams.

Education

University of Birmingham — MSc Computer Science
Birmingham, UK | Sep 2025 – Present

Seoul National University of Education — B.Ed in Mathematics Education

Seoul, South Korea | Mar 2018 – Feb 2022

Relevant modules: Understanding Computer Science, Artificial Intelligence in Education

Work Experience

Software Engineer | Ponylink – Seoul, Korea | Oct 2023 – Aug 2025

Full-stack developer (Frontend, Backend, DevOps) delivering scalable web applications and cloud infrastructure solutions.

[Key Projects]

Apple Care Service with Coupang (1 year)

- Developed and maintained a subscription service web application in a microservices architecture using React/Next.js and Kotlin (Spring Boot).
- Delivered a high-traffic platform for Apple products on Coupang (Korea's No.1 e-commerce site), supporting thousands of daily transactions.
- Collaborated with cross-functional teams and led code reviews, achieving smooth integration across microservices and higher code quality.
- Monitored and optimized system performance with Grafana, improving response times and enabling faster incident resolution.

CrewCall Group Call Service (LG U+)

- Built and tested new web pages for an Android OEM application using Java, improving feature delivery speed.
- Managed AWS infrastructure (EC2, EKS, S3) and implemented CI/CD pipelines (Jenkins), enabling automated and reliable deployments.

Skills

Languages: Java, Kotlin, Python

Frontend: React.js, Next.js, HTML, CSS, JavaScript

Backend: Spring Boot, JPA, SQL

DevOps & Cloud: AWS (EC2, EKS, S3), Docker, Kubernetes(K8S), CI/CD (Jenkins, CircleCI)

Testing & Quality: JUnit, Jest, SonarQube

Certification

- AWS Solutions Architect – Associate (AWS), 2025
- SQL Developer (Korea Data Agency), 2025
- Information Processing Engineer (HRDK, Korea), 2025
- Linux Master Level 2 (KAIT), 2024
- The Complete Web Development Bootcamp (Udemy), 2023

Extracurricular & Activities

- *President, Student Ambassadors* — led initiatives to support 1000+ incoming students and coordinated campus events.
- *Volunteer Seoul Tour Guide (SeoulMate)* — guided international visitors, enhancing cross-cultural communication skills.