



Ruby Kim

Cloud Engineer

- 📍 Seoul, South Korea
- ✉ dev.rubykim@gmail.com
- 🔗 <https://dev-rubykim.vercel.app/>

Skills

Languages

Python3, C, C++, C#, JavaScript

Cloud & Infrastructure

Docker, Kubernetes, AWS, GCP, Azure, NCP, Terraform

Databases

MySQL, MongoDB, Redis

Frontend Libraries / Frameworks

React.js, Next.js, Vue.js

Backend Libraries / Frameworks

Flask, Django, FastAPI, Express.js

Profiles

[Ruby Kim](#)

[ruby-kim](#)

Education

Sejong University

3.5 / 4.5

Mar 2017 - Feb 2022

Bachelor of Software

Certifications

AWS Certified Cloud Practitioner

Amazon Web Services (AWS)

Sep 2024

Credential ID:

e0f4ecdb69f64249a2dac97ab5daf721

Languages

Korean

Native

Englsh

Full Professional Proficiency

Japanese

Professional Working Proficiency

Experience

Sibel Health

Cloud Engineer II

Aug 2021 - Present

Chicago, USA (remote in Seoul, South Korea)

- **Infrastructure Management and Optimization:** Responsible for overseeing and enhancing the cloud infrastructure to improve performance and efficiency. Employed various optimization techniques to ensure systems are robust and cost-effective.
- **CI/CD and Maintenance:** Managed the continuous integration and deployment processes to streamline software updates and maintenance. Focused on automating workflows to increase development efficiency and reduce errors.
- **Backend Development and Integration:** Led backend development initiatives, integrating sophisticated solutions into existing systems to enhance functionality and interoperability. Prioritized secure, scalable code and seamless integration with front-end applications.

Solugate

Research Assistant

Mar 2020 - Jun 2020

Seoul, South Korea

- Implemented misspelled data generation programs to contribute to training Artificial Intelligence Model using Python3
- Developed features that highlight words and sentences when playing voice files in VOC(Voice Of Customer) program and Acquired positive reviews from existing users

Projects

Discovery Hub

Monitoring Clinical Trials and Research Data

Aug 2022 - Present

🔗 <https://sibelhealth.com/clinical-trials-and-research/>

- Led the design and implementation of Sibel Health's Discovery Hub, deploying a scalable, serverless AWS Lambda architecture and automating CI/CD with GitHub Actions to slash deployment times by 80%.
- Enhanced operational efficiency with AWS CloudFormation for infrastructure automation and AWS CloudWatch for real-time monitoring.
- Standardized coding and deployment practices, significantly improving team collaboration and accelerating onboarding processes.

Anne Hub

Remote Patient Monitoring

Jan 2022 - Oct 2022

🔗 <https://sibelhealth.com/remote-patient-monitoring/>

- Developed a scalable, serverless backend and infrastructure on AWS using Lambda and other technologies, ensuring robust system scalability and reliability.
- Automated cloud infrastructure with AWS CloudFormation and enhanced operational oversight through real-time monitoring and logging with AWS CloudWatch.
- Optimized deployment processes using Docker and AWS Elastic Container Registry (ECR), significantly improving the management of containerized applications.

Anne Sleep Hub

Clinical Grade Sleep Monitoring

Aug 2021 - Jan 2022

🔗 <https://sibelhealth.com/sleep-diagnostic/>

- Developed an authentication website with user sign-up, verification, and password management, enhancing user experience and security.
- Designed an API for report data handling, streamlining data processing and improving frontend data access.

Explore more projects at:

🔗 <https://dev-rubykim.vercel.app/projects>