

Hyesoo Kim

Software Engineer

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SUMMARY

Results-oriented and detail-driven Cloud Engineer with a strong background in Python programming contributed with cloud platforms and open sources. Capable of independently developing products from the initial stages: (1) Produced 5 cloud(aws) projects collaborated with ElasticSearch, OpenAI, LLM models, OCR, frontend framework(streamlit, shopify) etc.(2) Wrote a 'Code Guide Book' related to my projects above (3) One 'Text Data Analysis' project using R (4) Developed one game project using Unity
Committed to delivering high-quality software by applying industry best practices in testing and automation. Seeking opportunities to contribute technical expertise and enhance software development processes.

EDUCATION

Sookmyung Women's University

Bachelor Degree, Computer Science

Seoul, South Korea

2021 - present

TECHNICAL SKILLS

Languages: Python, R, SQL, NoSQL

Frameworks/Tech: AWS, ElasticSearch, Streamlit, Slack

Developer Tools: Git, Github

AI: OpenAI, Langchain, NaverOCR

EXPERIENCE

BoxLadder - Software Engineer

AI-powered platform that connects startups with global investors and experts

May. 2023 – Mar. 2024

Seoul, South Korea

- Constructed a database using AWS DynamoDB, transitioning it into a No-SQL database
- Developed a company search engine using ElasticSearch, significantly enhancing search performance
- Developed an 'Intelligent IR Deck' equipped with OCR technology to seamlessly extract all text from uploaded IR Decks. This innovative system automatically stores the extracted data into a database and generates concise summaries of the IR Deck content, streamlining the information retrieval process

PROJECTS

AWS-Cloud-Resume-Challenge [Side Project]

Apr 2024

Python, AWS, Github Action, Terraform

- Created a personal resume website using cloud platforms
- <https://resume.hyesookim.com/> All my details about the projects can be check here

EchoMate - B2B solution for plastic recycle platform

Nov 2023

Python, AWS, ElasticSearch, Slack, Alexa

- Hackathon project : HerHack2023 - Switzerland
- ElasticSearch used for data base, developing search engine and a recommendation system
- Backend API using AWS Lambda, AWS SES
- Collaborated with additional frontend service using Slack and Alexa

Chef in My Hand

Nov 2023

Python, AWS, ElasticSearch, Naver OCR, OpenAI, LlamaIndex

- Hackathon project : Ottogi X AWS hackathon - South Korea
- Data analysis and visualization with Ottogi company's data using 'Elastic Search'
- Take a photo of a food product of Ottogi's and search for the recipe right away using 'OCR'
- Developed a specialized 'chat assistant' about the product reviews using 'GPT', 'Llama Index'

ScanScribe: Intelligent IR Deck

Jul 2023 - Aug 2023

Python, AWS, ElasticSearch, Streamlit, Slack, OpenAI, Naver OCR

- Aims to revolutionize the way of managing documents(IR Deck) and efficiently improving the time to “search” and understand the IR materials
- Integrates OCR technology, to extract text data from IR Deck

SearchWave: Search Engine for Startups/Investors

Jul 2023 - Aug 2023

Python, AWS, ElasticSearch, Slack

- Identify the tendencies of investment companies through our own data preprocessing
- Using ElasticSearch re-defined a custom search engine for how information is discovered

Digital Functional Game for ADHD

May 2023 - Aug 2023

Unity

- “Digital Functional Game” for ADHD children made by Unity
- Developed a maze game and a shooting game collaborated with hardware motion detector
- Participated in EKC2023(Europe-Korea Conference) for poster presentation

CERTIFICATIONS

AWS Certified Cloud Practitioner

Issued Jul 2023

AWARDS

BaselHack 2023 | 2nd Prize for Bell food group

Switzerland, Oct 2023

- Created a solution that would help employees easily find information across different platforms using AI. Reducing the information search and gathering time from 30 minutes to less than 10 seconds
- Skills: aws, gpt, elasticsearch

AWS X khu-campustown Summer Hackathon | 1st Prize

South Korea, Aug 2023

- Project of ”ScanScribe” and ”SearchWave”

ICCAS 2023 “Digital Functional Game” | 2nd Prize

South Korea, Aug 2023

- Project of ”Digital Functional Game for ADHD”

LANGUAGE

English

Fluent