GYEONGSEON PARK

I believe that competence and recognition in society are synonymous with self-development. I always make time for learning and engage in studying and coding whenever I have spare time. Understanding the reasons and significance behind emerging technologies feels like exploring a new world. Over the past three years, I have consistently written technical online posts. In 2022 alone, I published 119 posts.

I am skilled in back-end software development, including Java, Spring, MySQL, and AWS services. I also have experience in designing and developing Spring Batch and API Gateway. I established CI/CD for Spring Boot by integrating Jenkins. I optimized executed SQL queries by checking the query plan. I managed and successfully delivered three projects using agile methods with sprints. Additionally, I have experience in deploying production services for customer support purposes. I am passionate, persistent, observant, and hardworking. I have carried out 14 side projects between 2018 and 2022.

ABOUT.

- **Q** August 12, 1998
- (82) 010-9944-4540
- enfj.dev@gmail.com
- B.S. IT Media engineering
 Duksung Women's Univ.

 March 2017 ~ February 2022
 Seoul, South Korea
- LinkedIn Github Portfolio
- Medium Tistory

SKILLS.

Language

Java SQL JS Python Bash

Backend

Spring JUnit Node.js MySQL Nginx Jenkins

AWS

EC2 RDS Aurora ELB CloudFront VPC ElasticCache CloudWatch S3

Frontend

React Gatsby Sass Webpack jQuery

Debugging · Monitoring

VisualVM MAT JMeter Sentry Pinpoint

Management Tool

Jira Slack Notion Trello Git

CERTIFICATION.

AWS Certified Solutions Architect - Associate

Amazon Web Services

2023.05.01

Industrial Engineer Information Processing

HRD Korea 2021.08.20

Linux Master Level-II

KAIT 2020.10.23

SQLD

Korea Data Agency 2020.12.29

PAPER

A Study on the Navigation of Personal Transportation Using IoT

Gyeongseon Park and 3 others | 2021.10.09 KIPS_C2021B0203 EXPERIENCES — Feb. 2022 ~ CURRENT



Billing Account System

June 2022 ~ September 2022

Designed and developed a ledger comparison platform for comparing internal payment data with external platform ledgers.

- Developed a Multi-Module project consisting of Support, API, Web, and two Batch modules.
- Built a ledger DW by efficiently collecting data from external sales channels such as Google Play Store.
- Optimized database performance by refactoring SQL queries: reduction of CPU load from 65% to 35%.
- Ensured data accuracy and reliability: floating point numbers, time zones, and tax policy differences.
- Implemented asynchronous APIs to enhance system performance.

#Spring #Spring Batch #Data Warehouse #Async #OkHttp #Jenkins

Open API Gateway

October 2022 ~ January 2023

Designed an API Gateway to control the single entry point for OPEN APIs provided to external developers.

- Contributed to the open-source community by fixing bugs in Apache Shenyu: PR1 and PR2.
- Developed the overall flow and functionality of the API Gateway.
 - Implemented JWT authentication, rate-limiting, an application-level WAF, and Zombie Check.
- Self-taught and explored API Gateway-related knowledge, such as Resilience4j.
- Authored technical documentation and delivered presentations on the API Gateway for internal knowledge sharing within the organization.

#API Gateway #Spring #Open Source Contributor #Fault Tolerance #Jenkins

Developers Site

February 2023 ~ March 2023

Developed a Developer website to facilitate access to OPEN APIs for external developers.

- Integrated a self-developed Single Sign-On (SSO) system with Spring Security.
- Implemented JWT authentication logic to ensure secure access.
- Utilized Technical Writing skills to create detailed technical documentation.
- Implemented efficient documentation management logic using Asciidoc and Spring REST docs.
- Demonstrated initiative by taking charge of planning, designing, and developing the project.

• Conducted benchmarking and analysis of other services to incorporate best practices.

#Spring #SSO #REST Docs #Technical Writing #JWT #UXUI

CS Reservation Webpage

May 2022 ~ June 2022

A reservation system for users who want to make appointments for the visit reservation service in Customer Service support.

- Developed APIs considering attack defense
 - Implemented measures such as HTTP Referer validation and limiting inquiry frequency.
- Designed logic for a sophisticated date and time reservation system.
- Implemented AWS SES: Sending emails when making reservations and 15 minutes prior.
- Gained experience through collaboration process with partner companies.
- Conducted regular code reviews and deployment strategies within the team.

#Spring #SSO #MySQL #Jenkins #HttpReferer #Validator



Popupcinema

September 2020 ~ December 2020

#Node.js #MariaDB #knex.js #AWS Services #Git #Agile · Scrum Developed a Web Service for Independent Film Screening Production

- Reviewed and improved the existing codebase and implemented API functionalities.
- Performed database migration: modified, enhanced, and added columns and data in the existing production environment database.
- Managed and expanded change logs in the large-scale database.
- Implemented a feature to export filtered data results from the database into Excel files to download.

Playlicense

December 2020 ~ March 2021

#React #Context API #Sass #AWS Elastic Beanstalk Developed a react webpage for protecting and serving theatrical performances while ensuring copyrights

- Developed a web page utilizing React.js.
- Implemented global state management by utilizing the Context API.
- Considered and conducted testing on various environments, including IE, Chrome, Safari, as well as iPhone and Android devices.
- Created a responsive webpage using Media Queries and window.screen size.
- Developed the logic for calculating cost estimates for theatrical performance fees.

Steppay

September 2021 ~ October 2021

#React #Strapi #Prettier + Eslint
#Redux #SSO #Keycloak

Developed a react webpage for managing recurring payments of various services

- Developed integration of Single Sign-On (SSO) using Keycloak.
- Implemented state management and created custom hooks using Redux.
- Managed head tags using Helmet for SEO optimization.
- Conducted testing in various environments: IE, Chrome, Safari, as well as on iOS and Android devices.
- Created a responsive webpage using CSS Media Queries and the window.screen size.

14 side projects carried out between 2018 and 2022

Side Projects

Ruvve

March 2021 ~ October 2021

#ML #Object Tracking
#Python #iOS # FCM
#Spring Boot #AWS

Designed and developed AR personal mobility navigation service

- Developed Object Detection and Object Tracking (DeepSORT) using ML techniques.
- Led the team, overseeing planning, design, and development.
- Analyzed SORT & DeepSORT papers and posted technical blogs about them.
- Implemented iOS push notifications based on Object Detection using FCM.
- Established CICD for Spring Boot by integrating Jenkins with AWS EC2.
- Configured Nginx with SSL certificates to enable HTTPS connections.
- Submitted a research paper as the first author to the Korea Information Processing Society (KIPS).

Cookie Parking

December 2020 ~ March 2021

#Node.js #Typescript #AWS
#MySQL #Prisma #Git

Developed bookmark service composed of a chrome extension

- Developed a service that allows users to save and manage insightful articles categorized by themes.
- Created a Node server in Typescript.
- Implemented CI/CD to ensure continuous development.
- Continuously providing the service: Cookie Parking.
- CVR of 62% with 874 applications.
- As of October 2021, the service has 920 users.

Server Team Leader

December 2020 ~ March 2021

#Node.js #AWS #Database
#MySQL #Git #HTTP
#Server/Client #DevOps

Led seven seminars for a group of 40+ members, including Node.js, AWS services, and databases.

- Created and provided high-quality seminar materials.
- Developed a PHP-based web page for application submission, which served over 2,000 users.
- Mentored seminar participants in setting up their own servers, leading to the development of 12 different services.