

SEUNGJIN LEE

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Full stack web developer leveraging chemical engineering background. Earned a certificate in full stack development from a coding boot camp in the UC Riverside Extension. Passionate about developing apps, with high quality, efficiency, and responsibility to end users. Strengths in meeting deadlines, learning fast, and teamworks. Excited to work as a team, and learn new skills to build applications for the market in the real world.

TECHNICAL SKILLS

Softwares/Platforms: JavaScript ES6+, CSS3, HTML5, SQL, NoSQL, GitHub, MongoDB, MySQL, Express, React, Node, Handlebars, jQuery, Bootstrap, Tailwind, Progressive Web Application (PWAs), Model-View-Controller (MVC), Object-Relational Mapping (ORM), Object-Oriented Programming (OOP), Jest, Webpack, JSON Web Token (JWT), Heroku, REST APIs, Apollo GraphQL, Python, Flask, SQLAlchemy, Jinja2, PyMySQL, Unicorn, Spring Boot

Software Languages: Java, JavaScript, Python

PROJECTS

Newsfeed-Java-API | **GitHub:** github.com/infinissible/tech-news-java-api

Deployed project: javatechnews-api.herokuapp.com/

Dec 2022

- A social news site, Just Tech News, builded with Java Spring Boot framework for RestfulAPIs
- Role: Building a Spring Boot API with creating CRUD operations with Spring Data JPA and MySQL database
- Tools: Java, Spring Boot, Spring Data JPA, MySQL, Thymeleaf, Spring Session, Spring Security

Wedding invitation | **GitHub:** github.com/infinissible/my-wedding-invitation

Deployed project: infinissible.github.io/my-wedding-invitation/

Sep 2022

- A personal wedding invitation as a single-page application built with React.js. It is designed for the mobile-friendly interface including a photo gallery with react-responsive-carousel, an API of NAVER MAP
- Role: Mobile-friendly design web application for the personal use
- Tools: JavaScript, React.js, Node.js, react-responsive-carousel, NAVER Map API, gh-pages

Python-newsfeed | **GitHub:** github.com/infinissible/python-newsfeed

Deployed project: python-news-fd.herokuapp.com/

Aug 2022

- A website where users can post, upvote, and comment on links to news articles through a server built with the CRUD APIs
- Role: Single-project for building an API responsive website by using Python

- Tools: Python, Flask, SQLAlchemy, Jinja2, PyMySQL, Gunicorn, bcrypt, dotenv, Heroku

Freelancing-Gig-App | **GitHub:** github.com/Callank21/Freelancing-Gig-App

Deployed project: gig-freelanr.herokuapp.com/

July 2022

- A MERN stack single-page application, which is a platform that provides employers with information about freelancers to hire
- Role: Building front end through React and back end for CRUD functions
- Tools: MongoDB, Mongoose, Express.js, React.js, Node.js, GraphQL, Heroku

Self-Management-App | **GitHub:** github.com/Callank21/Self-Management-App

Deployed project: self-management-app.herokuapp.com/

June 2022

- A full stack application that manages time efficiently by creating projects and associated tasks
- Role: Front end design and back end API routes for CRUD functions
- Tools: Nod.js, Express.js, Handlebars, MySQL, Sequelize, TailwindCSS, Bcrypt, Dotenv, Heroku

GamePlatforms | **GitHub:** github.com/uhMammoth/GamePlatforms

Deployed project: uhmammoth.github.io/GamePlatforms/

Apr 2022

- Game platform web application that can search a game title and the results provide platform, description, and images through APIs
- Role: Front end design and media query for smaller devices
- Tools: HTML, CSS, JavaScript, Tailwind, JQuery

EXPERIENCE

Computer consultant

2022 Aug-Present

Baanyan Software Services, Inc.

Edison, NJ (Remote)

Designed, optimized, and builded algorithms the system for the applications as a Java Developer

Key Accomplishments:

- Wrote code for the design, algorithms and programming skills on backend as well as front end for the applications
- Designed moderate complex system for programing interfaces (API's) for applications

Postdoctoral researcher

2021-2022 May

Winston Chung Global Energy Center at the UC Riverside

Riverside, CA

Developed a novel concept of solar battery that generates electricity and stores energy in a single unit

Key Accomplishments:

- Co-developed an efficient and low cost battery that combines concepts of solar cells and lithium ion batteries

- Co-founded a start-up company and received a funding for a proof-of-concept of the products

EDUCATION

Certificate, Full Stack Web Development - UC Riverside Extension

Riverside, CA

Anticipated graduation: July 27, 2022

A 24 weeks intensive coding boot camp for a full stack web development focused on gaining skills in HTML, CSS, JavaScript, MySQL, MongoDB, Express.js, React.js, and Node.js. During the course of the program, about 37 projects were completed by a variety of technologies including MySQL, MongoDB, React and JavaScript.

PhD degree, Chemical Engineering - UC Riverside

Riverside, CA

2015-2020