# Grace (Ha Eun) Lee

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# **TECHNICAL SKILLS**

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS

Front-End | React, ViteJS, DOM manipulation, Websockets

Back-End | Django 4, FastAPI, ExpressJS, NodeJS, PostgreSQL, MongoDB, CI/CD, REST APIs

System Design | Microservices, Domain-driven design, Message passing, Event sourcing, Monolithic Systems

## **RELEVANT PROJECTS**

# Full Stack Engineer | Pawsitive Vibes

Apr '24

 $\textbf{gitlab.com/pawsitive-vibes} \mid \textit{React/JS}, \textit{FastAPI/Python}, \textit{Docker}, \textit{JSX}, \textit{Bootstrap}, \textit{RESTAPI}, \textit{PostgreSQL} \\$ 

Full-stack development of web application that maintains sales, trainings, and events for an independent dog training business

- Designed a user-centric front-end interface, leveraging React, Bootstrap, CSS, and HTML to craft a responsive design
- Strengthened application security by implementing robust authentication mechanisms for both administrators and users utilizing JWT (JSON Web Tokens) and CORS credentials
- Established a comprehensive **FastAPI-based backend architecture**, standardizing **SQL** database schemas, queries, and routers to facilitate seamless integration with front-end components

# Full Stack Engineer | CarCar

Mar '24

**gitlab.com/gracehlee/project-beta** | React/JS, Django/Python, Docker, JSX, Bootstrap, REST API, PostgreSQL Full-stack development of web application that tracks inventory, sales, and automobile services for a car dealership

- Developed a dynamic front-end user interface using **React**, optimizing rendering efficiency with JSX and ensuring responsiveness with Bootstrap for enhanced design, with **Django microservices architecture** to ensure **scalability**
- Provided performance & cross-platform compatibility through **Dockerizing dependencies** while managing databases with PostgreSQL, to boost efficiency & scalability
- Structured the application with **domain-driven design principles** in collaboration with a team partner to strengthen organization and functionality of independent microservices

# Full Stack Engineer | Conference GO

Feb '24

 $\textbf{gitlab.com/gracehlee/fearless-frontend} \mid \textit{React/JS}, \textit{Django/Python, JSX}, \textit{Bootstrap, REST API}$ 

A full-stack web application that allows users to keep track of conferences, events, and attendees

- Constructed a dynamic front-end interface with **React**, **JavaScript**, and **Bootstrap** design elements to provide seamless user experience, with a **Django/Python** back-end infrastructure to ensure robustness and **scalability**
- Utilized **third-party APIs** to incorporate real-time weather updates into conference location details, providing essential information for conference preparation

### PROFESSIONAL EXPERIENCE

## Front Desk Medical Assistant | OC Gastrocare

Feb '20 - Jun '23

- Drove a 30% surge in patient flow by incorporating new schedule workflow, resulting in boosted revenue and appointment availability
- Provided exceptional customer service to a diverse demographic of over 50 patients daily in a high-volume healthcare environment

#### Certified Medical Assistant / Assistant Manager | Northern OC ENT Medical Corporation

Apr'19 - Jul'19

• Managed patient-clinic interactions, overseeing appointments, client communication, HIPAA compliance and patient privacy practices

#### Patient Registrar | U.S. Healthworks Medical Group

Aug '17 - Feb '18

• Maintained precise patient records through the application of the AS400 EMR system, ensuring accuracy and efficiency

#### Office Assistant | Miracleland Child Development Center

Aug '15 - Sep '16

• Coordinated bilingual (Korean and English) calls and messages, enhancing office efficiency through prioritized communication

## **EDUCATION**

#### Hack Reactor | Advanced Software Engineering Immersive Program

May '24

- 774 hours of coding experience in JavaScript, React, Python, and Django in an Agile environment
- Project development through individual coding, pair programming, and team collaboration

University of California Davis | Bachelor of Science, Biological Sciences

Jun '15