

Ryan Heo

BACKEND DEVELOPER

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EXPERIENCE

Full Stack Developer

05 / 2022 - 07 / 2024

ClassAct

Seoul, South Korea

- Found and fixed a memory leaking problem in legacy code, which resulted in increasing its lifetime 8x longer
- Increased the creation time of a virtual machine 30x faster by using 'virsh define' rather than 'virt-clone'
- Reduced the number of query calls by 66.67% with 'prefetch_related' and 'select_related' in Django
- Implemented efficient workflows, including unit tests and CI/CD with Jenkins and GitLab
- Mentored 6+ interns and documented onboarding instructions with a code of conduct and /code conventions

PROJECTS

ryanheo.org | Django, Django Rest Framework, Next.js, TailwindCSS, Vercel

- Designed an entire website to present information in a user-friendly and readable way
- Developed a reactive web application with TailwindCSS
- Implemented an admin page to update its contents more easily

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL (PostgreSQL), HTML/CSS

Frameworks: Django, React.js, Next.js, TailwindCSS, Bootstrap 5

Packages/Libraries: Pytest, Black, Django Cors Headers, Django Rest Framework, Celery, Axios, JQuery

Developer Tools: Docker, AWS (EC2), Vercel, Git, Jenkins, Postman, VSCode, PyCharm, IntelliJ, Eclipse

EDUCATION

University of Queensland

01 / 2012 - 12 / 2016

Bachelor of Engineering and Master of Engineering in Electrical Engineering

Brisbane, QLD, AUS

STATUS IN CANADA

Permanent Resident

11 / 2021 - present