# Austin - Full Stack Developer

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## SKILLS

- **Languages:** Python, Javascript, HTML5/CSS, Golang

- **Frameworks:** Django, FastAPI, Flask, NodeJS, ReactJS, VueJS, Gradio, Streamlit

- **AIGC:** ChatGPT, midjourney, SD ComfyUI, SD WebUI

- **Tools:** Linux, Git, Selenium, AWS, Docker, MQ, Jenkins

- **Databases:** MySQL, Redis

## WORK EXPERIENCE

**Innoverse Lab**                                                                    2024.03 - 2025.01

Full-Stack Development Engineer                                    Shenzhen, Guangdong, China

- **Full-Stack Development Engineer:** Proficient in solving practical problems with Prompt Engineering, including high-quality image processing and magic word optimization.
- **Project Architecture and Development:** Capable of building and managing tech teams from scratch, with expertise in constructing web applications and backend services.
- **Efficiency in Automation and Innovative Solutions:** Rapidly build products using cutting-edge technologies (including Streamlit, FastAPI, React), and implement efficient workflows with Docker and CI/CD.
- **Leadership and Team Collaboration:** Experienced in participating in team building, project management, and code collaboration.

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**Zhejiang Lab**                                                                          2023.07 - 2024.03

Full-Stack Developer                                                        Hangzhou, Zhejiang, China

- **Leadership:** Led a laboratory team in developing an experimental analysis platform website.

- **Tech Stack:** By using Flask, Vue, TypeScript, Socket.io, Celery, Redis, Gunicorn, and Nginx.

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**OS-easy Group Holding Ltd.**                                              2021.04 - 2022.12

R&D Center · Python Development Engineer                              Wuhan, Hubei, China

- **Development:** Completed the development of 40+ product requirements using Python and Django.
- **Client Engagement:** Resolved tech issues, customized solutions for 10+ clients.
- **Project Testing :** Developed 500+ test plans to ensure security, accuracy, andreliability of codebases.

## PROJECTS

**1. DesignGPT website v2/v3 — https://www.designgpt.art**

- Full-Stack Development for V2: I was solely responsible for the full-stack development of the V2 version.
- Backend and Admin Development for V3: For the V3 version, I primarily focused on backend development and full-stack development for the admin panel.
- AI Tool APIs: The project's AI tools encapsulate several APIs, including midjourney API, comfyui API, webui API, kimi API, and search API.
- Infrastructure Tool APIs: The infrastructure tools encapsulate APIs such as sts API, oss API, translate API, and sms API, and I also designed a queuing system for generating and processing user images.
- Project Tech Stack: The project technology stack includes React 18, Python 3.12, FastAPI, Pydantic, Uvicorn, Celery, Docker, Nginx, MySQL, and Redis.

**2. FastAPI Framework Builder — https://github.com/fmw666/fastapi-builder**

- The project is similar to Django-admin and aims to rapidly build an enterprise-level FastAPI application structure, providing developers with an efficient and high-quality application development experience.

- Employed Questionary as a command-line interactive tool and utilized Cookiecutter along with Jinja2 templates to generate project frameworks.

- Derived project architecture insights from FastAPI's official Full-stack-fastapi-postgresql project and Django's organizational structure to enhance project maintainability and scalability. Adhered to PEP8 coding standards, employing RESTful interface design for standardized and readable code.

**3. OJ system website — https://gitee.com/fmw666/ojSys**

- University graduation design project, independently completed full-stack development.

- Developed a frontend-backend separated algorithm problem bank and online judging application. Implemented features including an algorithm problem bank, competition repository (publishing, registration, participation), forum area (discussions), and personal center.

- The frontend is built using Vue3 and Element-UI, the backend is based on Python3, Django (DRF), Celery, MySQL, Redis, JWT. It follows the RESTful protocol for API.

## EDUCATION

**Sichuan Normal University**                                        2017.09 - 2021.06

Computer Science B.S.                                        Chengdu, Sichuan, China

- GPA: 3.8 / 4.0
- Honors/Awards: CET4、First-class Scholarship for Major (2017), Second-class Scholarship for Majo (2018, 2019), Outstanding Student Cadre (Annual), Provincial Second Prize in Mathematical Modeling
- In-school Positions: the class commissary in charge of studies, Head of IT Excellence Training and Team Leader for Python Group.