
Mirhossein Mousavi

Full Stack Engineer / Senior Python Developer

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ABOUT

I'm an experienced Full Stack Engineer specializing in Python, with a strong track record in designing and implementing scalable APIs and system integrations using FastAPI and Django Rest Framework.

I have a keen interest in DevOps, focusing on performance optimization, automation, and ensuring high system availability.

I collaborate closely with project managers and product teams to deliver feature-rich solutions that streamline workflows and drive revenue growth.

I'm also passionate about knowledge sharing and continuously improving the developer experience to build robust, maintainable software in fast-paced environments.

SKILLS

Backend/Frontend Technologies: Python, Javascript (+Typescript), SQL, Bash, HTML, CSS.

Databases: MySQL, PostgreSQL, SQLite, Redis.

DevOps: Kubernetes, Helm, Docker, AWS (EKS, S3), GitOps, Argo CD, GitLab CI, Ansible, Linux, Shell Scripting.

Web Frameworks: Django, Django Rest Framework (DRF), FastAPI, Flask, Vue.js.

Testing Frameworks: pytest, Jest, k6, Locust.

Others: Pydantic, SQLAlchemy, Selenium, HAProxy, Celery, Git (GitHub, GitLab), Sentry, Datadog, Jira.

Personal Attributes: Problem Solving, Critical Thinking, Self-motivation, Teamwork, Responsibility.

EXPERIENCE

Sendcloud - Senior Python Developer

OCTOBER 2024 - PRESENT

sendcloud.com

Achievements

- Built and maintained 70+ FastAPI-based APIs to integrate with major shipping carriers, optimizing logistics workflows and processing over 500,000 shipment orders daily.
- Improved service reliability by leveraging Datadog and optimizing Kubernetes deployments to prevent downtime.
- Collaborated with project managers and product teams to update projects with new feature requirements.
- Authored documentation and guidelines to share knowledge and enhance developer experience.

Surfly - Senior Python Developer / Full Stack Engineer

APRIL 2021 - OCTOBER 2024

surfly.com

Achievements

- Implemented RESTful APIs with Django Rest Framework to power core features of the web application and third-party integrations.
- Engineered scalable integrations between Salesforce and NICE CXone using FastAPI, directly supporting revenue growth through improved automation and system interoperability.
- Maintained and deployed scalable API services on Heroku and Fastly with a focus on uptime, availability, and efficient deployment workflows.
- Integrated Chargebee as the payment gateway to manage subscriptions and recurring billing.
- Contributed to building the user interface using Vue.js, leveraging modern tooling such as Webpack and esbuild to streamline development and enhance build performance.

HPDS - Technical Lead / Senior Python Developer

OCTOBER 2018 - APRIL 2021

hpds.ir

Achievements

- Developed a comprehensive Python application suite for the company's new product line to manage SAN servers, including:
 - CLI tool to manage storage using Logical Volume Management (LVM).
 - RESTful API using Flask to connect the CLI with a React-based web UI.
 - System resource monitoring service that collects hardware statistics.
- Designed and implemented a service to relocate hot sectors to high-speed disks, optimizing data access speed.
- Automated server maintenance through Bash scripting to improve operational efficiency.
- Mentored junior developers and wrote technical guidelines to ensure code quality, consistency, and onboarding efficiency.

Dataak - Python Developer / DevOps Engineer

NOVEMBER 2017 - OCTOBER 2018

dataak.com

Achievements

- Designed and implemented a high-performance distributed web scraping platform using Docker, Flask and Scrapy that processed over 4,000 documents per second.
- Built and launched a JSON-RPC API with Flask to provide real-time statistics on scraped documents.
- Managed and administered large-scale MySQL databases containing over 50 million records.
- Followed Test-Driven Development (TDD) by writing unit and integration tests with pytest and Selenium.