Saman ZAND HAGHIGHI
Full Stack Developer | System Administrator

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An energetic and focused professional, I bring over 6 years of intensive Python programming experience, with more than 3 years dedicated to mastering Django. My expertise extends to front-end development with over 2 years of hands-on experience in Vue.js and React.js. Renowned for my ability to write exceptionally clean code and design robust, clean architectures and databases, I also excel as a Linux System Administrator and DevOps Engineer, with more than 3 years of proficient use in Docker. Known for my fast-learning capabilities and high productivity, I am committed to delivering high-quality solutions in a short time frame.

☰ COMPETENCIES

Personal Skills	Innovation, Creativity, **Problem Solving**, Time management, Team leadership, **Fast Learner**, **Critical Thinking**
Programming Languages	**Python**, JS/ES, **TypeScript**, **Go**, C, GraphQL, Bash
Frameworks	**Django**, Flask, **React.js**, Vue.js, Node.js, MUI, Ant Design, **HTMX**, Three.js, Semantic UI, Bootstrap, Alpine.js
DBMS	**PostgreSQL**, MySQL, Redis, MongoDB, MSSQL
Development Tools	VSCode, Git, GitLab, GitHub, **Docker**
Operating Systems	**Ubuntu Server/Desktop**, Arch Linux, Windows
Others	LaTeX, Software Architecture, Nginx, CoCalc, Moodle, Google Sheets, Machine and Deep Learning, Large Language Models

💼 WORK EXPERIENCE

Present
Jul 2024

Full Stack Developer, SUT LaTeX Sharif & TeX Ready , Iran, Tehran
- Developed web software for compiling and editing LATEX documents, with backend powered by Node.js and Go, and a frontend utilizing both Angular and React frameworks
- Created detailed task descriptions for features and system architecture analysis as a Systems Analyst
- Implemented real-time features and algorithms such as OT and grammar-check

Go | Node.js | React.js | Angular | MongoDB | Redis | Bazel | Docker | Linux | Material UI | Tailwind CSS

June 2024
May 2024

Linux System Administrator, Tasmim Portfolio Management , Iran, Tehran
- Implemented automation scripts for DevOps processes
- Maintained server infrastructure to ensure optimal performance and reliability
- Installed and configured an enterprise mail server

Linux | Bash | MailU | Docker | Nginx

Present
October 2023

Full Stack Developer & DevOps, Connect ISTI , Iran, Tehran
- Developed web software with Django, managed Linux servers, and established continuous delivery pipeline and data backup protocols
- Maintained server infrastructure to ensure optimal performance and reliability
- Collaborated on production, emphasizing intuitive UI/UX
- Improved performance, query speed, and security measures to optimize system functionality by a significant amount
- Designed and implemented optimal and clean database designs for new features
- Upgraded technologies and UI frameworks to enhance performance and user experience
- Made massive refactorings and improved the total code structure

Django | Django ReST Framework | Linux | Fomantic UI | Alpine.js | JS | PostgreSQL | Redis | GitLab CI/CD | GitLab

August 2023 Present	**Full Stack Developer & DevOps,** 🔗 HUMMERS LEASING AND 🔗 HUMMERS BROKER , Iran Tehran

> ❯ Developed web software with Django, managed Linux servers, and established continuous delivery pipeline and data backup protocols
> ❯ Designed and implemented optimal and clean database solutions alongside my colleagues to meet the use cases
> ❯ Implemented automation scripts for DevOps processes
> ❯ Implemented automation scripts for generating documentations in LaTeX
> ❯ Implemented enterprise-level leasing management web software using Django framework for backend and Bootstrap and HTMX for frontend
> ❯ Collaborated on production, emphasizing intuitive UI/UX
> ❯ Implemented a feature management and ABAC(Attribute Based Access Control) system in order to evolve this software into a platform

Django | HTMX | JS | Linux | Bootstrap | Tabler | CoCalc | LaTeX | Alpine.js | Redis | Moodle | GitLab | Selenium

🖥 PROJETS

DJANGO FLEX REPORT
2023 - PRESENT

🔗 github.com/saman-zand-h/django-flex-report

Django-Flex-Report is a robust Django package designed for seamless report generation, offering an array of powerful features. It excels in advanced and rapid search capabilities, facilitating efficient data retrieval. The package boasts a highly adaptable design that supports extensive customization, including versatile access management. This feature empowers administrators to control table-level access and restrict row visibility based on user roles.

One of its standout functionalities is the 'exporters' concept, which enhances flexibility by allowing developers to integrate and register custom exporters. These exporters leverage the package's API to generate various file formats, such as PDFs and Excel sheets, from either comprehensive report objects or specific query sets. This capability not only enriches the reporting process but also extends the package's utility across diverse project requirements.

Python | Django | Alpine.js | xlwt | django-waffle

DJANGO FLEX MENU
2023 - PRESENT

🔗 github.com/saman-zand-h/django-flex-menu

Django-Flex-Menu is a versatile Django package tailored for building dynamic website menus, including both navbars and sidebars, while integrating robust access management through django-waffle. This package places a strong emphasis on developer experience by providing comprehensive Django template tags, streamlining the implementation process.

A standout feature of Django-Flex-Menu is its capability to handle multilingual menu items seamlessly. Developers can effortlessly manage menu titles in multiple languages, enhancing user accessibility and localization efforts. This functionality ensures that menus can adapt to diverse linguistic requirements without compromising usability or clarity.

Python | Django | django-waffle | django-model-translation

DJANGO FINNOTECH
2023 - PRESENT

🔗 github.com/saman-zand-h/django-finnotech

Django-Finntoech is a Django package tailored for seamless integration with Finnotech, a prominent Iranian provider offering banking services and more. Leveraging Django's caching framework and session management, this package ensures efficient handling of OTPs and other Finnotech functionalities. It enables developers to build secure, high-performance applications that interact seamlessly with Finnotech's services

LaTeX | Sublime Text

PYTHON COCALC
2023 - PRESENT

🔗 github.com/saman-zand-h/python-cocalc

Python-CoCalc is a versatile Python package designed for seamless interaction with the CoCalc API, whether self-hosted or cloud-based. This package facilitates management of CoCalc instances, enabling tasks such as generating persistent and one-time PDFs through API calls. It empowers developers to automate and integrate CoCalc functionalities into their applications with ease, enhancing productivity and workflow efficiency.

Python

🅰🈂 LANGUAGES

Persian	● ● ● ● ●
English	● ● ● ● ●