

# Hamid Hosseini

Software Engineer

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A Passionate **Python/Django backend developer** specializing in **high-performance web applications** and **custom solutions**. Expert in **scalable architecture**, **database optimization**, and **IoT integrations**. Solves **complex performance issues** and delivers **clean, maintainable code** with an **innovative, autonomous** approach.

## Professional Experience

**Python Developer**, Bloor Azma    2024-03 – present | Tehran, Iran

- Developed and maintained a **high-performance API** with Python, Django, and RESTful services, supporting **2.5 million** active users.
- Optimized** backend operations, cutting server response times by **35%** and enhancing database query efficiency by **15%**.
- Led workshops with **8+ stakeholders** across design, development, and marketing, aligning user experience goals, accelerating project timelines by 20%, and **boosting cross-team collaboration** for **10%** faster feature delivery.
- Suggested process **optimizations** and **technical upgrades**, boosting team **productivity** by **25%** and cutting **delivery times** by **15%**.
- Designed scalable backend architecture using **Docker**, **Celery**, **PostgreSQL**, **Redis**, and **Nginx**, improving system performance and uptime by **30%**.
- Implemented real-time messaging with **MQTT**, enhancing communication efficiency for **1,000 users**.
- Worked closely with **cross-functional** teams to define and execute development roadmaps, ensuring timely and **budget-compliant** delivery of **10 features** per quarter.

**Backend Developer**, Iran IoT Center    2022-12 – 2024-03 | Tehran, Iran

- Recommended process optimizations and technical improvements that boosted team productivity by **25%**, reducing delivery times by **15%** and increasing feature output by **20%**.
- Designed and developed **RESTful APIs** and **microservices** using **Python**, **Django**, and **Django REST Framework (DRF)**, handling **4000** Active users per day and improving API response times by **30%**.
- Engineered scalable backend architecture with **Docker**, **Celery**, **PostgreSQL**, **Redis**, and **Nginx**, resulting in a **30%** improvement in system uptime and **40%** reduction in server costs.
- Implemented **real-time messaging** with **MQTT**, supporting **200** concurrent users and enhancing communication speed by **45%**. Optimized performance through **Redis** caching and **Celery** for asynchronous task management, reducing processing times by **33%**.
- Collaborated with **3** cross-functional teams to define and execute development roadmaps, delivering **60** features on time and within budget, achieving a **15%** increase in stakeholder satisfaction.

**Backend Developer**, Aria Ferforge    2020-10 – 2022-11 | Tehran, Iran

- Developed a forceful **invoicing** and **accounting** system that adjusted pricing based on **real-time** currency fluctuations, **increasing** billing **accuracy** by **30%** and **saving 45 hours** per month in manual data entry (**25% time reduction**).
- Designed and managed key features such as order registration, catalog creation, and content/blog functionality, supporting **600+ users** and processing **3,200 transactions** monthly.
- Deployed** the application on PaaS infrastructure with **CI/CD** pipelines, ensuring **99.9% uptime**, seamless updates, and scalability to support **200 concurrent** users and a **70% traffic** increase.

## Education

**Computer Engineering**, University of Eyvanekey  
2018-10 – 2022-09 | Eyvanekey, Iran

### Relevant Coursework:

- Algorithms**
- Database Management**
- Operating Systems**
- Data Structures**
- Software Engineering**

## Skills

**Python:** , **Linux:** , **Django:** , **FastAPI:** , **HTML + CSS:** , **PostgreSQL:**

## Languages

English • German • Dari(Persian)