

# Mohammed Moein

## Backend developer

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### Summary

Backend Developer with 4 years of experience building performant and scalable web applications using Python, Typescript, Golang, and Java. Collaborated with cross-functional teams of up to 15 developers to successfully deliver projects with budgets ranging from \$100k to \$1 million. Led the development of a microservice-based architecture that increased the number of API calls handled per second by 50%.

### Skills

Python | Django | FastAPI

TypeScript | Golang | Java | OOP

TDD | UML | CI/CD | GIT

Microservice | PostgreSQL | SQLite

Docker | Nginx | Unit test | Agile

Scrum | Gitlab (CI/CD)

GitHub (CI/CD) | Redis | KubernetesK6

Cypress

### Education

#### Computer Engineering Bachelor

September 2019 – December 2023

Qom, Iran

### Professional Experience

#### Backend Team Lead, Binfo AI

February 2023 – present | Iran, Tehran

Postgres, SQLite, Django, Mongo, FastAPI(microservice), Cloud, React

- Led and managed a team of five developers, orchestrating architecture design for scalability and fortifying data integrity.
- Crafted a resilient system handling 500 users per second with <2 request data loss, showcasing exceptional performance and data reliability.
- Spearheaded a Distributed Monolith approach, combining MongoDB for real-time chat and PostgreSQL for the primary database, resulting in 37.5% reduction in first project phase duration.

#### Backend Developer, Ireen GMBH

December 2021 – February 2023 | Vienna, Austria

Mongo, FastAPI(microservice), Google Cloud, Vue

- Revamped the current microservice system and achieved massive 60% improvement in reducing development and maintenance costs.
- Implemented automated pipelines using unit tests, end-to-end (E2E) tests, and performance tests, achieving 50% reduction in production downtimes.
- Partnered with other backend developers to document APIs, resulting in a streamlined onboarding process for new team members, reducing the expected duration from 20 to 14 days.

#### Backend Developer, Rayan Negar

July 2021 – December 2021 | Tehran, Iran

Postgres, SQLite, Django, AzureDevops, Angular

- Facilitated hiring and onboarding of experienced developers, leading to a 40% productivity boost and team capacity expansion in collaboration with co-founder and HR.
- Coordinated with project stakeholders to identify and document crucial changes and successfully managed project budgets to ensure timely delivery and optimize efficiency.

## Projects

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### **Django**, *Backend Framework*

- Contributed to the "Django" open-source project on GitHub, actively identifying and rectifying bugs, while also assisting in documentation improvements, resulting in enhanced project stability and usability.
- Provided valuable support to fellow contributors by troubleshooting and fixing diverse bugs within the "Django" project, reinforcing the project's overall reliability and user-friendliness.
- Collaborated on an open-source project named "Django," actively contributing to bug identification and rectification, as well as assisting in documentation enhancements for improved project stability and usability.

### **PrivateJet**, *Backend Framework*

- Engineered an open-source backend framework that fully supports asynchronous programming, including an asynchronous router and middleware system.
- Collaborated with other software engineers and contributors to utilize asynchronous drivers for both SQL and NoSQL databases, allowing for efficient handling of queries.

## Languages

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**English** (C2) | **Dutch** (A2)

**German** (A1) | **Arabic** (B1)

### **Backend Developer**, *Rigid Robotics*

December 2020 – July 2021 | British Columbia, Canada

Postgres, Django, AzureDevops, Angular

- Implemented a new item in the deployment pipeline to check API performance from the user perspective, resulting in the identification of more than 5 areas where performance was lacking.
- Sought opportunities to learn from senior developers and the manager, applying their insights to continuously improve work performance and skills on the project.

### **Backend Developer**, *National statistics center*

2020 – 2020 | Tehran, Iran

Postgres, Django, On-site physical server, Angular

- Cooperated with expert team to optimize app for registering statistics, resulting in a 50% increase in registered data and successful deployment of high-quality product.

### **Backend Developer**, *NamdarGB real-state*

2019 – 2020 | Tehran, Iran

Postgres, SQLite, Django

- Coordinated with a cross-functional team to implement an optimized app flow, resulting in a 20% increase in efficiency for common tasks and significant time savings for users.