

# ROJIN RAHMANI

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## SUMMARY

Software engineer specializing in backend development and scalable system design, with expertise in Python (Django, FastAPI). Experienced in building microservices, RESTful APIs, and robust database solutions (MongoDB, PostgreSQL, Redis). Skilled in real-time communication protocols (gRPC, MQTT) and containerization (Docker, Nginx). Proven track record in automating workflows, optimizing system performance, and implementing role-based access control for efficient, secure applications.

## WORK EXPERIENCE

### FanavaranHooshMasnouiParsIranian

July 2025 - Present

- Contributed to the development of a ticketing system
- Assisted in designing and maintaining database structures, which improved data organization for larger-scale use cases.

### AlphaCompany

Apr 2024 - Mar 2025

- Implemented Repository Pattern & microservices to enhance scalability and reduce response time.
- Used gRPC for efficient real-time service communication.
- Implemented smart API logic using FastAPI.
- Automated project tasks via Trello API & batch processing.

### ViraPartoElectronics

Aug 2022 - Mar 2024

- Engineered secure IoT communication with MQTT.
- Optimized data handling using MongoDB.
- Built REST APIs with Django (web) and Node.js (mobile), enabling seamless cross-platform integration.
- Deployed automated alerts for emergency response.
- Role-based access control for efficient plant monitoring.

## EDUCATION

### Bachelor of Science in Computer Engineering - Software

Sep 2020 - Aug 2024

- Islamic Azad University, Qazvin

## SKILLS

- Programming Languages:** Python (Django, FastAPI)
- Databases:** MongoDB, PostgreSQL, Redis
- Technologies and Tools:** Celery, gRPC, MQTT, Git, Docker, Nginx, Linux
- Software Architecture:** Microservices, REST APIs, MVC
- Languages:** TOEFL(96)