Amir.H Sabri

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SUMMARY

As a passionate Back-End Engineer with a strong foundation in server-side technologies
and a commitment to building efficient, scalable applications, I am eager to contribute
my skills to your dynamic team. My experience in developing robust APIs and
optimizing database performance aligns perfectly with your goals. I am excited about
the opportunity to collaborate with talented professionals and drive innovative
solutions that enhance user experiences and support business growth.

EXPERIENCE

Back-End Engineer

Fidar Dedenegar   **January 2021 – Present, Tehran**

· API Development: Engineered secure and scalable RESTful APIs with Django REST Framework (DRF) to serve web and mobile clients.
· Real-Time Features: Integrated WebSockets to enable live data updates and interactive user experiences.
· Message Brokering & Caching: Utilized Kafka for event streaming and Redis for caching and as a message broker for Celery.
· Asynchronous Processing: Implemented background task queues with Celery to handle long-running processes efficiently.
· Database Management: Worked with both SQL (MySQL, PostgreSQL) and NoSQL (Elasticsearch) databases for data storage, complex queries, and
  powerful search capabilities.
· Streamlined deployment workflows by integrating Docker and Kubernetes, increasing system reliability and simplifying application scaling across
  diverse environments.

Back-End Engineer

Ryca   **June 2025 – September 2025, Shahrood**

· Contributed to the development of a real-time city bus tracking and transport management system. Designed and implemented backend services
  using Django and Django REST Framework (DRF) to handle data ingestion, processing, and API delivery.
· Integrated WebSockets via Django Channels to enable live bus location updates and push notifications to connected clients. Developed real-time
  data pipelines for continuous monitoring, route optimization, and performance analytics.
· Implemented geolocation tracking using PostGIS and GeoDjango, with custom serializers for spatial data handling. Designed RESTful endpoints
  for vehicle telemetry, route status, and ETA estimation.
· Optimized API performance using Redis caching, asynchronous tasks (via Celery), and database indexing, ensuring low-latency responses for
  large-scale real-time operations.
· Devised automated deployment workflows with Docker and CI/CD pipelines, streamlining distributed backend service updates and minimizing
  downtime for users accessing the city transit platform.

EDUCATION

Bachelor of Computer Science

Shahrood University of Technology · Shahrood · 2025 · 17.92

SKILLS

Technical Skills: Django, Python, REST, PostgreSQL, Websocket, Celery, Redis, Playwright, Elasticsearch, DRF, Kafka, RabbitMQ, Postman,
Insomnia, Docker, Kubernetes , Containers, Unix, Linux, Distributed Systems , Microservices