mohammad ahmadi
Backend software engineer

Expert backend developer with over two years of proven experience in Django and Django REST Framework (DRF).
Proven track record of effectively utilizing Amazon Web Services (AWS) and Infrastructure as Code (IaC) to design and deploy scalable cloud infrastructures. Dedicated to continually improving cloud engineering abilities and remaining current with the most recent developments in backend development.

Contact

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Tehran, Iran

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Skills

- Python (Programming Language)
- Django REST Framework
- Django
- Application Programming Interfaces (API)
- Docker
- Amazon Web Services (AWS)
- Aws CDK
- Websocket
- Mysql
- Boto3
- Celery
- SOLID Design Principles
- Object-Relational Mapping (ORM)
- Html, css, bootstrap, jquery, js

- Problem-solving
- Time management
- Communication
- Resilience

Projects

Task-management DRF

Aws-cdk pipeline

Real-time django chat application

Experience

Oct 2022 - Jul 2023 · 10 mos
Vancouver, British Columbia, Canada · Remote
Cloud Engineer | Dopely

- Spearheaded the development of a highly scalable serverless architecture utilizing AWS CDK, incorporating Stripe webhooks for streamlined payment processing in Django, resulting in a 50% decrease in payment processing time and a 20% increase in transaction success rate.
- Revolutionized image processing by implementing a serverless solution through Docker containerization of a FastAPI application, converting it into a Lambda image that efficiently handles image processing tasks.
- Created and deployed a serverless microservice architecture harnessing the power of AWS CDK, including CloudFront, S3, Route 53, CICD pipeline, EFS, Lambda, and Cognito.
- Developed a robust Python script that extracts Grafana logs from Loki and effortlessly transfers them to CSV format for storage in an S3 bucket, leveraging the AWS SDK (Boto3).

Apr 2022 - Sep 2022 · 6 mos
Isfahan, Iran | Self-employed
Backend Developer
- Through dedicated self-study and experiential learning, I have acquired proficiency in several cutting-edge technologies, including:
  Websockets, Django Rest Framework (DRF), Docker, ORM, Celery, Redis, Rabbitmq,
- Read clean code in python book

Jan 2022 - Mar 2022 · 3 mos
Yalova, Turkey · On-site
Fullstack developer | Unicorn Brokers Holding LTD

- Designed and implemented a robust RESTful API utilizing DRF and seamlessly integrated it with AJAX and Fetch, resulting in a 40% reduction in page load time and significantly enhancing user experience.
- managed server administration on CentOS 7, maintained optimal MySQL database performance, and efficiently handled file transfers via Filezilla.

Sep 2021 - Dec 2021 · 4 mos
Isfahan, Iran | Personal-project
Fullstack Developer | Formmaker

- Demonstrated proficiency in full-stack web development by creating a comprehensive web application from scratch using Django framework;
  encompassing front-end and back-end development, and showcasing expertise in Django, Python, HTML, CSS, JavaScript, and SQL.

Oct 2020 - Feb 2021 · 5 mos
Isfahan, Iran · Hybrid
Data Mining & ML Workshop Participant

- Workshop managed by artificial intelligence branch of University of Isfahan ACM chapter.

Education

Software engineer Bachelor of Isfahan university(2022)

Language

English: fluent   **Persian: native**