

# Arshia Rezagholi

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Karaj, Alborz - Iran

## SUMMARY

A backend developer who is not limited to a framework and is more focused on the core of the programming languages and backend technologies.

Committed to professional growth and seeking opportunities that will challenge me to evolve as a developer while contributing to a team's success.





## EXPERIENCE




- **Digitoon**  Aug 2024 - Sep 2024  
Back End Developer (Django) - PartTime Tehran, Iran
- **Quera**  May 2024 - Aug 2024  
Back End Developer (Django) - Internship Remote
  - Team worked to optimize projects using Python, Django, DRF
  - Increased communication skills
  - Practiced new back-end techs
  - Earned high grade (perfect) with good feedback

## EDUCATION

- **Islamic Azad University** Sep 2022 - Present  
bachelor of computer engineering Karaj, Iran

## PROJECTS

- **MealMasterMind: [A comprehensive system that allows you to explore various recipes and their ingredients.]**   
Tools: [Python, FastAPI, Golang, Gin, MySQL, Microservices Architecture, API Gateway, (STILL IN DEVELOPMENT)]
  - \* Based on your dietary preferences, it generates a personalized shopping list to help you buy the necessary ingredients. Additionally, it offers more features to enhance your meal-planning experience.
  - \* Using 5 separated services (3 in FastAPI, 2 in Golang)
  - \* Still developing (will add details soon)
- **MoneyMate: [An Expense Tracker API built with FastAPI and Google Firebase. ]**   
Tools: [Python, FastAPI, Google Firebase, Google Auth, Google Firestore, Google RealTime Database]
  - \* Used [FastAPI] for [light and speed]
  - \* Implemented [Background Tasks] with [FastAPI background task] and [google real time database] for [sending new notifications and updates to the user]
  - \* Used [Google Auth] for [handling user authentication]
  - \* Applied [+95 % test coverage], ensuring [everything works well]
- **DealDirect: [Restfull API for selling and buying everything (Like Divar)]**   
Tools: [Python, Django, DRF, Django Channels, Redis, RabbitMQ, Celery, Pytest, Docker, PostgreSQL, SQLite, Drf-Soectacular]
  - \* Developed [buy and sell anything system]
  - \* Implemented [websockets] using Django channels for [buyer - seller communicate for specific product]
  - \* Implemented [task queue and message broker] for [sending verification emails and async tasks]
  - \* Used [Rdis] for [cacheing]
  - \* Applied [+95 % test coverage], ensuring [everything works well]
  - \* Added detailed [DIAGRAM] for [designing DB]
- **Porsojo: [API for creating forms in any favorites (use in surveys and more ...)]**   
Tools: [Python, Django, Django Rest Framework, Celery, RabbitMQ, Redis, Docker, PostgreSQL, Django channels]
  - \* Teamwork project
  - \* Developed [create and share forms with real-time results]
  - \* Implemented [task queue and message broker] for [sending verification emails and async tasks]
  - \* Used [Rdis] for [cacheing]

- **Rock-Paper-Scissors: [Real Time game using sockets on python]**  
Tools: [ Python, Sockets, SQLAlchemy, alembic, MySQL, threads, bash script] 
  - \* Developed [two modes (vs ai and multiplayer) real-time game]
  - \* Used [SQLAlchemy] ORM and [alembic] for [ managing migrations file]
  - \* Implemented [bash script file] to [automatically handles modes ]
- **Reservation-System: [A web application for booking doctor appointments using Django and Django templates]**  
Tools: [ Python, Django, Html, CSS, Docker, PostgreSQL, bash script] 
  - \* Teamwork project
  - \* Developed [A reservation system] for [managing doctors and appointments]
  - \* Implemented completely (Back end and front end) using [Django]
  - \* Implemented [bash script file] to [automatically handles entry point ]
- **Cinema-Management: [A pure Python application to manage cinemas, shows, tickets, and reserve tickets]**  
Tools: [Python, SQLAlchemy, alembic, MySQL] 
  - \* Teamwork project
  - \* Developed [two user and admin interfaces] for [different access]
  - \* Used [SQLAlchemy] ORM and [alembic] for [ managing migrations file]

## SKILLS

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- Programming Languages (Python, Golang, Html, CSS)
- Frameworks (Django, DRF, FastAPI, Gin)
- SQL Databases (MySQL, PostgreSQL)
- NoSQL Databases (MongoDB, Redis)
- Version Controls (Git, GitHub, GitLab)
- Task queue (Celery)
- Message Brokers (RabbitMQ, Redis)
- DevOps (Docker)
- Others ( Clean Coding, Design Patterns, microservices)
- Soft Skills (Communication, Teamwork, Creativity, ProblemSolving, Negotiation)

## CERTIFICATIONS

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- **Go - The Complete Guide** Oct 2024
- **TASK-ORIENTED BOOTCAMP IN SOFTWARE ENGINEERING WITH DJANGO** Aug 2024
- **Project-Oriented Course In Creating Telegram Bot Using Python** Aug 2024
- **ADVANCED PYTHON PROGRAMMING AND OBJECT-ORIENTED THINKING** Feb 2024

## ADDITIONAL INFORMATION

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**Languages:** Persian (Native), English (Advanced), Turkish (Beginner)

**Interests:** Gaming, Swimming