

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

Back End Developer (Django) - Internship

Jul 2024 - Sep 2024

Tehran, Iran

EDUCATION

• Islamic Azad University

bachelor of computer engineering

Sep 2022 - Present

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

- 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 | <i>Oct 2024</i> |
| ◦ TASK-ORIENTED BOOTCAMP IN SOFTWARE ENGINEERING WITH DJANGO | <i>Aug 2024</i> |
| ◦ Project-Oriented Course In Creating Telegram Bot Using Python | <i>Aug 2024</i> |
| ◦ ADVANCED PYTHON PROGRAMMING AND OBJECT-ORIENTED THINKING | <i>Feb 2024</i> |

ADDITIONAL INFORMATION

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

Interests: Gaming, Swimming