

Yasin Amirany

Tehran, Iran

yasin@amirany.net

Objective

Aspiring Back-End Developer with hands-on experience in Python, Django, Node.js, and relational databases. Passionate about Blockchain. Building scalable web applications and optimizing system performance. Seeking an internship to apply my technical skills in real-world problems while continuing to learn and grow.

Skills

- Languages: Python, JavaScript, TypeScript, bash, SQL
- Frameworks & Tools: NestJs, Node.js, Express.js, FastAPI, Docker, RabbitMQ
- Databases: PostgreSQL, MongoDB, MySQL
- Version Control & DevOps: Git, GitHub, Linux, CI/CD (GitHub Actions)
- Other: REST APIs, Authentication (JWT), Redis, Unit Testing

Soft Skills

- fast learning
- Adaptability to new technologies
- Team working
- Problem-solving
- Efficient communicating

Projects



IoT-DMS - *IoT Data Management System using MongoDB, and nestJS with RabbitMQ Integration.*

- **Real-time Data Processing:** Utilizes **RabbitMQ** to handle and process real-time x-ray signals from IoT devices
- **Scalable Data Storage:** Employs **MongoDB** with **Mongoose** for efficient and scalable data storage
- **RESTful API:** Offers a well-documented RESTful API for easy integration with external systems. **query parameters** for filtering also supported
- **Swagger Documentation:** Includes interactive API documentation for developers

- **IoT Simulator:** Comes with a built-in **IoT Simulator** that generates and sends mock x-ray data for testing and development purposes
- **Docker Support:** The system is fully Dockerized, making it easy to deploy and manage in any environment
- **Environment Configuration:** The `.env` file is used to manage environment-specific configurations, ensuring security and flexibility
- **Testing:** The system includes a comprehensive test suite to validate functionality and reliability

[express-restAPI](#) - *Product Management (crud) app using Express, mongoDB and Node.js*

A simple CRUD API built using Node.js, Express, TypeScript, and MongoDB. This API allows you to create, read, update, and delete products.

Features:

- Create, Read, Update, Delete (CRUD) operations
- MongoDB as the database
- Express.js for routing
- Helmet for security
- TypeScript for type safety
- Dotenv for environment configuration
- Docker support for MongoDB

Education

Chamran Technical University, Rasht - Bachelor of *Computer Science*

2021 - present

Languages

English - Proficient

Farsi - Native