DAVID AMGAD SALEH

Software Engineer

5 Youssef Soliman street-Giza · 01203533452

David.amgad2@icloud.com · www.linkedin.com/in/david-amgad-bb7aa517b/ · github.com/Davidamgad2

Passionate, self- disciplined software engineer and I'm looking for an opportunity as software engineer, backend developer.

EDUCATION

BACHELOR'S DEGREE, AIN SHAMS UNIVERSITY, JUL 2022

Graduated from the faculty of engineering.

- Major: Electrical
- Overall grade: good
- Graduation project: Excellent
- Exempted from military services

EXPERIENCE

BACKEND DEVELOPER, INTELLA, NOV 2023 - PRESENTJOB

Responsibilities:

- Design, modify, develop, write, test, and implement software systems.
- Implement web services and REST APIs, GRPC to power the systems.
- Obfuscate Code for security.

Technologies:

- FastAPI, Typescript, Express, Kafka, Django.

BACKEND DEVELOPER, LENME, JUNE2023 - NOV 2023

Responsible for:

- Design and build new back-end services.
- API design and development.
- Maintain and improve the performance of existing software.
- Write tests for existing and created code to ensure compatibility and stability.
- Multi-task and manage priorities in a fast-paced environment.
- Rapidly design, prototype, and iterate to solve problems and fix bugs.

SOFTWARE ENGINEER, TECO, OCT 2022- JUNE 2023

Responsible for:

- Creating Windows applications with Python using Tkinter and PyQt5.
- Using Sockets and WebSocket in Python.
- Creating APIs with Django.
- Communication through different protocols TCP/IP and UDP and Serial bus.

BACKEND DEVELOPER INTERN, BIT68, JULY 2022 – OCT 2022

Working on projects like E-commerce and blog endpoints and database with Django, rest framework and vagrant

PROJECTS

HR-SALES PROJECT (FREELANCE)
- Project does the following: Calculate quotes for the salesperson from different formulas and excel equation to save time for sales, track agents sales and insights, track chat agents activity and calculate monthly insights.
- Technologies: Git, Python, Django, Rest Framework, AWS.

SERVICE-PROVIDER PROJECT (FREELANCE)
- Project does the following: Saving users, verification for users, sending notifications, provide the places that near to users based on the selected service and the place and other factors.
- Technologies: Git, Python, Django, Rest Framework, GraphQL.

HR-SYSTEM (FREELANCE)
- Project does the following: Integrate with service to get the real time information and saved in the database, saving contracts, jobs based on contracts. Calculate commissions for sales.
- Technologies: Git, Python, FastAPI, PyQt5.

COURSES

- **Udemy-Automate the Boring Stuff with Python**
- **Udemy - Build A Backend Rest API with Python & Django - Advanced**
- **Udemy-Python-Django-Practical-Guide**
- **Coursera- Mathematics for Machine Learning: Linear Algebra**
- **Coursera- Python Classes and Inheritance**

- **Coursera- Ai for Everyone**
- **Coursera- Algorithmic Toolbox**
- **Maharatech- Database Fundamentals**
- **Udemy- Fundamentals of Database Engineering**
- **Udemy- Fundamentals of backend engineering**

TECHNICAL SKILLS

- **Experience with Python**
- **Extensive Knowledge in OOP, Algorithms and Data Structure, Design Patterns**
- **Good Knowledge with C++**
- **Strong Knowledge with Django, FastApi**
- **Rest Framework, GraphQL, GRPC**
- **Experience with Java Script, Typescript, Node.JS, Express**
- **SQL, SQLite, PostgresSQL, MongoDB**
- **REDIS, RABBITMQ, KAFKA**

- **Good with Html5, CSS, React.JS**
- **Git And GitHub, Gitlab**
- **Tkinter, PyQt5**
- **Docker**
- **Experience with AWS services**
- **PyTest, Unittest**
- **AGILE METHODOLGIES**
- **JIRA, TRELLO**
- **SENTRY, Swagger**

SOFT SKILLS & EXTRA ACTIVITIES

- B2 English level
- Programing Competitions (ECPC)