

# Ahmed Said

## Software Engineer | Data Analyst

✉ Ahmedsaid2000321@gmail.com ☎ +201200382105 📍 Egypt 🔗 LinkedIn 🐙 Github 📁 Portfolio

🛡 Military status: Exempted

### Professional Experience

#### Operations Engineer, Giza Systems | HRDF

02/2024 – present

- Monitoring API performance and infrastructure health to ensure optimal system functionality.
- Developed a toolkit to automate various tasks, including:
  - Selenium-based auto tester** for our platform.
  - Python scripts** to validate attributes in APIs.
  - SQL queries** for reports and to ensure business logic consistency.
- Designed and implemented an automated weekly reporting system using Python, reducing report generation time by 95%.

#### Python developer, Freelancer

05/2021 – present | Remote

- Scraped and analyzed millions of data points from various websites for market research projects, increasing efficiency by **20%**.
- Developed and automated a data extraction pipeline using Selenium, reducing manual effort by **75%**.
- Created interactive dashboards using Pandas and visualization libraries to present complex data insights to clients.

#### Data Scientist, Coding Samurai

09/2023

- Identified key trends influencing Seattle Airbnb rental pricing, leading to data-driven recommendations that improved listing optimization by 30%.
- Achieved an **89%** accuracy rate in house price prediction, enabling informed investment decisions.

### Technical skills

Python • C# • Asp.Net • FastAPI • SQL •  
Javascript • HTML • CSS • Web scraping •  
Power BI • Tableau • Pandas • Numpy •  
Scikit-learn • statsmodels • matplotlib •  
seaborn • Selenium • beautifulsoup4 •  
SQL server • Linq • Entity Framework

### Education

#### Bachelor of Computer Engineering,

Zagazig University

2018 – 2023 | zagazig, Egypt

Graduated with a very good grade | graduation project (Excellent grade).

#### software engineering bootcamp, Manara tech

- Gained valuable exposure to industry best practices
- Honed problem solving abilities within a supportive learning community.
- Solved more than 147 problems in Data Structures and Algorithms

### Projects

#### BlitzML, Machine learning

Build Python package downloaded **+18k** times:

- Automates machine learning pipelines rapidly
- Enabled rapid execution of classification, regression, time-series forecasting, and clustering tasks, reducing project development time by 90%

#### Todo web app using ASP.NET Core,

C#, MVC architecture, SQL Server

- User authentication
- CRUD operations.

#### Chinook database analysis,

SQL, Data analysis, Python

- wrote a query for the Chinook Database.
- assisted the Chinook team with understanding the data in their store

#### Expense Tracker, C#, ASP.NET Core web API

- Built using ASP.NET Core Web API with JWT-based authentication, supporting CRUD operations and date-based filtering for expenses.
- Implements clean architecture with the Repository Pattern for data access and a Service Layer for business logic.

### Certificates

- Udacity Data Analysis Nanodegree Advanced
- Machine Learning | IBM data scientist
- Udacity Data Analysis Nanodegree Professional