Amr Mahmoud Shedou

Software Engineer

Cairo, Egypt
+201010100183
GitHub, LinkedIn
amrshedou@gmail.com

SUMMARY

A software engineer who is skilled in Python and JavaScript, together with the Django and Node.js frameworks and adores Databases, graduated with an Engineering degree in computer systems engineering from Mansoura University with nearly one year of experience in Business Analysis. A diverse range of knowledge, sciences and experiences which I hope to bring with me to the workplace and do what I have to do with passion, dedication and excellence.

EDUCATION

Mansoura University - *Bachelor of Computer Systems Engineering - Faculty of Engineering*

Graduated 2021

Open Source Society University - *Bachelor of Computer Science - Faculty of Engineering*

This is an online, free, and self-paced track that gives interested students great resources to learn computer science content and related concepts and skills that are equivalent to a bachelor's degree in computer science in an actual and normal college.

Currently Pursuing.

WORK EXPERIENCE

Data Engineering Zoomcamp 2025 - *DataTalksClub · Internship.*

Learning about Docker, Datalakes, Work Orchestration, Data Normalisation, partitioning, BigQuery, PostgreSQL, Apache Spark, Kafka

Business Analyst - *ACME SAICO - Integrated Engineering Systems -(IES) · Full-time*

September 2023 - February 2024

Backend .NET Framework Internship - *ITI.*

Learning about the framework.
Learning about concepts of backend engineering.
Building several backend projects.

SKILLS

- Python
- Django
- Docker
- SQL
- MySQL
- NodeJS
- Git/GitHub
- JavaScript
- ExpressJS

- MongoDB

PROGRAMMING-RELATED PROJECTS

Chat App - *Nodejs - Express.*
A chat application uses real-time capabilities and libraries to deliver messages between users.

Nodejs Blog - *Nodejs - Express.*
A simple blog application with CRUD operations on posts, user registration and authentication, and an admin panel.

Helper - *Django - Parts of My Graduation Project - Grade: Excellent.*
A social network and platform to allow charitable organisations to deliver their services in a more reliable and efficient manner.

Url Shortner - *Nodejs - Express.*
A simple URL shortener NodeJS application that is a service that converts long website addresses into shorter, more manageable links.

Task Manager - *NodeJS - Express.*
An API application for listing, adding, deleting and updating individual tasks.

Find Longest Path Between Two Points - *Python-Based Project.*
A Python project and script that tries to find the longest path between two points in a two-dimensional grid. This project shows my mastery of the Python language.

TECHNICAL COURSES

Certification: Blockchain Basics - *Cyfryn Updraft*

Meta Database Engineering Specialisation - *Coursera*
Final Project
January 2025

MongoDB Node.js Developer Path - *MongoDB University*
September 2025

Fundamentals of Database Engineering - *Udemy*

JavaScript: Understanding the Weird Parts - *Udemy*

Learn and Understand Node.js: Under-the-Hood Mastery 2025 - *Udemy*

The Complete Node.js Developer Course (3rd Edition) - *Udemy*

Backend Engineering with NodeJS - *Manara*

BADGES

Meta

CERTIFICATE
Database
Engineer