

Serag Eldein Mahmoud

BACKEND DEVELOPER



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[Beta Gardens](#), [Haddayk Octobat](#), [Giza](#), [Egypt](#)

SUMMARY

As a committed backend developer, I thrive on continual learning and staying abreast of industry advancements, enabling me to craft highly scalable and efficient apps with the most advanced techniques

KEY COMPETENCIES - SKILLS

NodeJS / Express
REST APIs
MongoDB
Nginx

MySql / postgres
Unit Testing
Modularization
Git

VectorDB Pinecone
Docker - Beginner
AWS

EXPERIENCE

MSP

Problem solving Instructor

Oct 2021 - Dec 2021

Being part of MSP at Cairo University and working with a professional team has been a game-changer for my career. I gained valuable technical and soft skills that propelled me to the next level professionally. This experience has been instrumental in shaping my journey.

Accomplishments:

- Instructor of class level 0 & level 1 - Problem solving

Imapct - Zewail University

AI Internship

Jan 2023 - Sep 2023

As an intern at Impact, I participated in hybrid classes covering AI, deep learning, and reinforcement learning. This experience equipped me with practical skills and knowledge of advanced technologies, enhancing my professional development.

Certificate: <https://drive.google.com/file/d/1OjRg-HzQruoCai6dhPoMQjZG9UI4lnZX/view?usp=sharing>

CodSoft

MERN Stack Internship

Sep 2023 - Nov 2023

At CodSoft, I did an online internship where I learned about the MERN stack. It helped me get better at web development, especially in using MongoDB, Express.js, React, and Node.js.

Letter: <https://drive.google.com/file/d/1OjRg-HzQruoCai6dhPoMQjZG9UI4lnZX/view?usp=sharing>

EDUCATION

Ain Shams University

Faculty of Science - CS Department - 2020 - present (Expected - 2024)

PROJECTS

DocTalker

description: Me and my team built an AI-powered Document chat Web Application. I have developed API using Express, JS, OpenAI, AWS, and MongoDB. Used OTP via EmailJs, and Google for the authentication system. Built AI assistants using OpenAI's latest model. Voice messages are converted to text, The app fetches data from PDFs, .docx, URLs (any website, YouTube transcript), and handwritten pdf with the highest accuracy and chunk data into smaller pieces then generates embeddings for each chunk processes these embeddings and user query embedding and make semantic search over the pdf chunks, summarize the pdfs, clean code and highest authentication and security standards.

Launching it soon /\ demo: <https://doctalkerapp.netlify.app/>

Backend: https://github.com/itzSerag/DocTalker_Backend
