

AHMED HENDAWY

Software Engineer | Backend & Cloud

Based in Egypt, open to relocation or remote opportunities

+20 155-302-5327 | lildevhind@gmail.com | linkedin.com/in/devhindo | github.com/devhindo | devhindo.tech

SUMMARY

Software Engineer specialized in Backend and Cloud Development. Proficient in Golang, Python, and JavaScript. Experienced in building scalable, cloud-native applications using Golang. skilled in problem-solving and algorithms.

EDUCATION

Mansoura University

BSE, Computer Engineering

Faculty of Engineering, Department of Computer Engineering and Control Systems.

Egypt

Aug. 2019 – June 2024

PROFESSIONAL EXPERIENCE

Backend Engineer

Information Technology Institute (ITI)

Egypt
July 2023 – August 2023

- Created a library management system featuring user registration and an admin dashboard. Optimized existing PostgreSQL queries by 35% using indexing.
- Skills:** Python; Django; PostgreSQL; Bootstrap; HTML; CSS; JavaScript.

AI Engineer

National Telecommunication Institute (NTI)

Egypt

July 2022 – August 2022

- Implemented sophisticated recognition algorithms, significantly enhancing the accuracy and efficiency of detection systems.
- Skills:** Python; TensorFlow; Jupyter Notebook; Linear Algebra.

PROJECTS

X (GitHub): Currently maintaining X; Open-source project onboarded over 100 active users within 1 month. It features interacting with Twitter API, facilitating tasks like posting tweets and scheduling future tweets with a 100% successful tweet execution rate. Its uptime is 100% since launch.

Built with: Go, OAuth 2.0, Node.js, Next.js, TypeScript

Dear self (Demo, GitHub): Developed email scheduling service, leveraging GoLang for backend operations and Next.js for Frontend development. The system integrates with Mailjet to facilitate reliable email dispatch. This project demonstrates proficiency in full-stack development, asynchronous programming, and third-party API integration.

Bats (GitHub): Fully-featured social media app built with React, Go and MySQL. Leveraging Golang concurrency features on the server and React on the client side.

SKILLS

Languages: Go/Golang, Python, JavaScript, TypeScript, HTML, CSS, C, C++, Bash.

Technologies: Node.js, Next.js, Django.

Developer Tools: Git, Docker, Cloud Platform, VS Code, MySQL, PostgreSQL, MongoDB, Linux, Shell, LaTeX.

Software Engineering: Object-oriented design, Test-driven development (TTD), Algorithm Design, Data Structures, Problem Solving, Complexity Analysis, Distributed Systems, Relational database, NoSQL databases.

VOLUNTEERING

IEEE Mansoura Student Branch (August 2020 - November 2022): Served as a coordinator and helped in organizing competitive programming contests to foster an intellectually stimulating environment.

ICPC Mansoura University (April 2022 - July 2023): Coordinated various events including Tech-Elixir 2.0, Career Insider 6.0, and IEEE Victoris 1.0.