

Mazen Soliman

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Profile

- Four years of experience focused in full stack web development, with hands-on professional expertise in SaaS Platforms, ERPs, POS, military-based apps, automation, and AI-based apps.
- Proficient in Node.js, Ruby on Rails, Go, Express.js, React.js, Vue.js, TypeScript, Ruby, RSpec, Sidekiq, Kafka, GraphQL, REST API, MySQL, PostgreSQL, MongoDB, Elasticsearch, ClickHouse, Redis, Docker, Bash, Git, and Linux.
- Enthusiastic problem solver with +250 LeetCode [🔗](#) solutions and TECH content creator [🔗](#).
- Successfully led software engineers in delivering remarkable projects during my military service, at Kernelz, and at Spiritude.

Professional Experience

Backend Engineer II Sep 2024 – present

Instabug [🔗](#)

Tech Stack: Ruby on Rails, Go, RSpec, MySQL, Elasticsearch, ClickHouse, Kafka

Full Stack Developer Oct 2023 – present

SphereMail [🔗](#)

United States, Remote

- Delivering end-to-end features, troubleshooting issues, and write unit-tests (+100 tickets).
- Built a CI/CD pipeline using CircleCI and bash scripting, Cutting front-end deployment time by 90%.
- Implemented integrations with Google services (Pay, Calendar) and Yardi ERP.
- Successfully containerized backend services using Docker.

Tech Stack: Ruby on Rails, RSpec, Sidekiq, Vue.js, PostgreSQL, Bash, Docker, Capistrano, Linux, and AWS.

Software Engineer - Reserve Officer - Nov 2021 – Oct 2023 | Egypt

Egyptian Armed Forces

- Air Defense Information Systems Branch **May 2022 - Oct 2023**
 - Led a team of five software engineers to develop and refactor military-based apps.

Tech Stack: TypeScript, Nodejs, React, Python, Django REST and MySQL.

• Innovation Centre at Faculty Of Reserve Officers **Nov 2021 - April 2022**

- Orchestrated a team of four engineers to create smart glasses to help the visually impaired using computer vision to describe the surroundings through voice commands.

Tech Stack: Python, OpenCV, Keras, Flask, WebSockets and Raspberry Pi.

Full Stack Developer Aug 2020 – Aug 2021 | Egypt

kernelz [🔗](#)

- Led three software engineers to create off-the-shelf easy to generate ERP and POS web apps.
- Managed to build form generator, and report generator, cutting development time by 70%.
- Our apps have been sold to 8 clients with various business needs.

Tech Stack: Nodejs, React, MySQL, GraphQL, and Docker.

Clients: *Captain Ayman Driving School* [🔗](#), *Aluwalls* [🔗](#), *Taj Carpet*, *2M Clothes Factory*,... and *ICS Gas Company*.

Full Stack Developer Dec 2019 – May 2020 | Egypt

ETGO [🔗](#)

- Developed a customized POS web app and managed to integrate it with the company's GraphQL API.
- Improved the performance of the company's API, Queries response time dropped from 6s to 121ms.

Tech Stack: Nodejs, React, MongoDB, Docker, GraphQL.

Education

B.Sc. in Computer Science. - 3.17 CGPA

Faculty Of Science Alexandria University [🔗](#)

Sep 2016 – Jul 2021 | Alexandria, Egypt