

# AHMED ZEIN

Software Developer

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**GitHub** | **Linkedin**

## EDUCATION

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### Ain Shams University

Computer and Systems Engineering

2019 - 2024

## SKILLS

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Programming Languages: Java, Python, JavaScript, Go, Dart  
Libraries/Frameworks: Spring, ExpressJs, Flutter  
Databases: SQL, MongoDB, NoSQL

## PROJECTS / OPEN-SOURCE

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### Wellness Hub | [Link](#)

*JavaScript, Node.js, Express.js, MongoDB, Docker, CI/CD*

#### Graduation Project Grade: A

- Developed a RESTful API for a health and wellness product marketplace.
- Enabled user and seller registration functionality.
- Implemented a continuous integration pipeline - for streamlined deployment.
- Deployed services using Docker containers.
- Utilized MongoDB for efficient data storage and management.

### Snippet-Share | [Link](#)

*JavaScript, Express.js, JWT, MongoDB*

- Developed a code snippet sharing platform with advanced access control.
- Implemented self-destructing functionality, allowing snippets to automatically delete after a set expiration time.
- Enabled users to securely create and share code snippets.

### OS Scheduler | [Link](#)

*Java, JavaFx*

- Developed a simulation of CPU scheduling algorithms, supporting both preemptive and non-preemptive types:
- First Come, First Served (FCFS)
- Shortest Job First (SJF)
- Priority Scheduling,
- Round Robin

### Sharekny

*Flutter, Firebase*

- A mobile application that aims to connect aspiring entrepreneurs with potential investors and collaborators.

## CERTIFICATIONS

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- Improving Deep Neural Networks. - **Coursera**
- Python Data Structures. - **Coursera**