Yousef Negmeldin

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EDUCATION

German International University   **Cairo, Egypt**

Bachelor of Computer Science | GPA: 1.3(German Scale)(Letter Grade: A-)   *Oct 2022 - July 2026*

- Relevant Coursework: Entire 2D games written in Java and C++, applying **OOP** and **SOLID** principles.
- Scored A+/A in the following courses: Software Engineering, Databases, Data Science, Programming I/II/III, Data Structures and Algorithms.

WORK EXPERIENCE

Octopods   **Remote**

Software Development Intern   *January 2025 - Present*

- Developed and maintained backend features for an omnichannel messaging platform using **Ruby on Rails**, enabling seamless integration with services like Twilio, Telegram, HubSpot, and Intercom.
- Implemented robust end-to-end webhook event handling, ensuring reliable delivery and processing of thousands of daily messages.
- Wrote comprehensive RSpec controller and unit tests, increasing codebase reliability and supporting faster feature releases.
- Built new features and bug fixes across a **100,000+** line codebase, learning and applying best practices in large-scale SaaS development environments.

Brightskies   **Cairo, Egypt**

Software Development Intern   *July 2024 - September 2024*

- Contributed in building a robust biker management system in a team of other developers using **Java Spring Boot**.
- Improved query performance by up to **40%** through **SQL query optimization**.
- Reviewed code of other developers, handled pull requests, and fixed conflicts using **GitHub**.
- Documented and tested over 40+ API endpoints using **Postman**.
- **Dockerized** 3 production-ready Spring Boot applications for ease of deployment.

Wavemakers United   **Cairo, Egypt**

Backend Developer Volunteer   *February 2024 - July 2024*

- Wrote out API documentation for **20+** API endpoints using **Postman.**
- Lead a team of other developers and wrote weekly reports to my manager.
- Engineered a **Node.js** backend and adopted the **MVC** architecture pattern.
- Integrated **AWS services**, including Amazon S3 and Amazon Cognito for user authentication.

PERSONAL PROJECTS

Filmpire | https://filmpire-yousef.vercel.app/ | https://github.com/yousefnegmeldin/filmpire   **Cairo, Egypt**

Frontend Developer   *January 2024*

- Developed over 10 **reusable components** and used them throughout the app.
- Finished the project in **3 weeks with CI/CD** done throughout the 3 weeks.
- Built the website using React and Redux (**State Management Library**)

SKILLS & INTERESTS

Programming Languages and Frameworks: Java, C++, Typescript, React, Tailwind CSS, Next.JS, NodeJS, Golang
Skills: Git, CI/CD, Basic Linux knowledge, REST API
Languages: English, Arabic, German(A2)
Interests: Tech industry, Computer Hardware, and Web Development.