

SAAD AIT YAHIA

☎ +212 701717468 | ✉ saadaityahia455@gmail.com

🐙 github.com/Saad-programmer | in linkedin.com/in/saad-ait-yahia-426485286

<https://saad-programmer.github.io/PORTFOLIO/>

Skills

Languages: Python, Java, C, C++, HTML/CSS/Javascript, Shell Script Programming

Databases: MySQL, PostgreSQL, MongoDB

Libraries: NumPy, Pandas, OpenCV

Frameworks: Flask, Django, Node.js, Keras, TensorFlow, PyTorch, Bootstrap, Apache Beam

Tools & Technologies: Git, Docker, AWS, GCP, Heroku, JIRA

Experiences:

IT Tech Juniors (Web developer | 2024 – Present)

- Joined IT Tech Juniors, a university club dedicated to AI, system administration, and IT infrastructure.
- Organized workshops and training sessions to help students improve their technical skills in Linux, networking, and ethical hacking; Worked on enhancing the university's IT infrastructure, including security improvements and system optimizations.

Cybersecurity & IT Support (Self-Learning & Freelance Work) | 2023 – Present

- Earned Google IT Support & Google Cybersecurity Certificates, gaining expertise in networking, system administration, and security fundamentals.
- Assisted individuals in troubleshooting system issues, securing networks, and improving cybersecurity measures.

OPYS (Personal Project) | 2024 – Present

- Developing OPYS, a Python-based operating system simulator, focusing on process management, file systems, and security mechanisms; Implemented key OS features, including virtual memory handling and system calls.

Projects

1. AI & DEV Club Website (*Full-Stack Web Development* | 2024)

- Designed and developed the **official website** for the **AI & DEV Club**, handling both **frontend and backend** using **PHP, MySQL, JavaScript, and modern UI frameworks**; **2. FSBM Linux Distro (Operating Systems & Linux Development** | 2024)

- Developed **FSBM**, a **lightweight and efficient Linux-based operating system** derived from **MINIOS**, a project I contributed to; Focused on **performance optimization, lightweight architecture, and system efficiency**;

3. Social Media Platform (Facebook Clone) (*Full-Stack Web Development* | 2023)

- Built a **social media web application** with **user profiles, posts, likes, and comments** using **PHP, MySQL, and JavaScript**; Designed a **secure authentication system** with hashed passwords and session management.

IT & University Contributions

IT Support & Technical Assistance (FSBM University) (2023 – Present)

- Served as an **IT replacement specialist** at **FSBM**, providing **technical support to professors, staff, and students**; Assisted in **hardware and software troubleshooting, network setup, and security improvements**.
- Created **detailed documentation** for **software installations, system configurations, and troubleshooting guides**, helping students navigate technical issues.

Education:

Licence MIP (Computer Science, Track Web development)

2023-2026