SAAD AIT YAHIA

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## [github.com/Saad-programmer](https://github.com/varadbhogayata) | [linkedin.com/in/saad-ait-yahia-426485286](https://linkedin.com/in/varadbhogayata)

## [**https://saad-programmer.github.io/PORTFOLIO/**](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