



Baraa Abid

Software Engineering Student

Cloud & DevOps Enthusiast

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🌐 Nabeul, Tunisia

Highly motivated Software Engineering student with hands-on experience in cloud and DevOps technologies, seeking a 2-month summer internship to contribute my technical skills while gaining valuable industry experience.

EDUCATION

- **ESPRIT Engineering School** | Software engineering degree 2023-Present
- **Higher Institute of Computer Science Mahdia ISiMa** | Bachelor of Computer Engineering 2020-2023
- **2 Mars 1934 High school** | Mathematics Baccalaureate 2020

LANGUAGES

- Arabic : Native
- English : Advanced
- French : Advanced
- German : Beginner

TECHICAL SKILLS

- OpenStack, AWS ,azure
- Docker, Docker Compose, Kubernetes
- Ansible, OpenStack Heat , Terraform
- Git, GitHub, GitLab
- Python, Java, C/C++, JavaScript, PHP, Bash
- MySQL, SQLite, Firebase
- Spring Boot, Angular, Symfony, JavaFX
- REST, Swagger, Postman
- TCP/IP, SSH, SSL/TLS
- UML Modeling, Software Architecture
- Agile (Scrum)
- STM32, Raspberry Pi, ESP32, Arduino

PROFESSIONAL EXPERIENCE

- **Odoo Developer | Independent** september 2024 - Present
 - Built GitLab-Odoo integration module using API webhooks
 - Customized modules for client requirements with successful deployments
 - Automated business processes with scheduled tasks
 - Provided technical troubleshooting, documentation, and user support

Technologies: Docker, Python, GitLab CI/CD, Postman, Linux, API Integration, JavaScript, XML, Odoo
- **Programming Tutor | DecliTech** March 2023 - september 2024
 - Design and deliver engaging programming and robotics lessons for children
 - Consistently receive 85% positive feedback from parents and students

INTERNSHIPS

- **ERP Implementation Intern | Pyxis IT** June 2024 - July 2024
 - Deployed containerized Odoo ERP on Ubuntu servers
 - Set up enterprise-level security using SSL certificates and SSO authentication with Keycloak
 - Setup custom helpdesk workflow

Technologies: Odoo 15, Ubuntu, Docker, SSL, Keycloak, SSO, OAuth, ERP
- **Computer Engineer Intern | ASQII** June 2024 - July 2024
 - Built medication storage system with hardware integration
 - Created Qt desktop application for system control
 - Used Agile methodology for project development

Technologies: C++, Qt, SQLite, Arduino, Scrum

PROJECTS

- OpenStack Cloud Infrastructure** June 2024 - July 2024
 - Built multi-node OpenStack environment for cloud resource management
 - Deployed Kubernetes cluster with container orchestration
 - Automated configuration with Ansible
 - Set up Prometheus/Grafana monitoring

Technologies: OpenStack, Heat Templates, Kubernetes, Ansible, Infrastructure as Code, Prometheus, Grafana