

Khalil Bouazizi

Software Engineering Student | Cloud Engineering Student

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PROFILE

Excited to grow my skills in cloud and DevOps, always open to new challenges and learning opportunities

EDUCATION

COMPUTER ENGINEERING, ESPRIT ENGINEERING SCHOOL

SOFTWARE ENGINEERING : 2021 - present | Ariana

SCIENTIFIC BACCALAUREATE

ENASSER PRIVATE SCHOOL : 2018 - 2021 | Gafsa

PROJECTS

Web Project: User management CRUD operations in backend and frontend using APIs and Symfony bundles, including a small cloud network component. Desktop application developed with JavaFX libraries.

Desktop Application: User management CRUD operations using APIs and Qt libraries (C++).

DevOps Project: Flask web application to convert Excel/CSV files into SQL using AI libraries, containerized with Docker and PostgreSQL. CI/CD pipeline automated with Jenkins on Azure VM, including Docker image builds, SonarQube code quality checks, and Trivy security scans before pushing to DockerHub.

OpenStack Project: Created a private network IaaS using OpenStack components and launched virtual instances.

Kubernetes on OpenStack: Automated the deployment of a Kubernetes cluster on OpenStack instances using Ansible playbooks with kubeadm and kubectl. Implemented pod monitoring and integrated ArgoCD for continuous deployment, enabling automatic synchronization with GitHub.

COMPUTER SKILLS

Programming Languages: C, C++, C#, Java, JavaScript, Python, PHP, Shell

Web & Mobile Development: HTML, CSS, AJAX, Flutter

Frameworks & Libraries: Symfony, JavaFX, Spring Boot, Flask, Angular

DevOps & Cloud Technologies: Docker, Kubernetes, OpenStack, Ansible, Jenkins

Scripting & Automation: Python, Shell

CERTIFICATES

FOUNDATIONAL C# WITH MICROSOFT

PYTHON FOR DATA SCIENCE, AI & DEVELOPMENT

EXPERIENCES

Network management intern : 07/2022 - 08/2022 Tunisie Télécom

DevOps intern: 06/2024 - 08/2024 Insomea Computer Solutions