

Mohamed Amine Ouertani

Computer Science Engineering Student
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🐙 GitHub Profile
🌐 LinkedIn Profile

PROFILE

I am currently a third-year Computer Science Engineering student in the National School of Computer Science (ENSI) and I am currently completing my end-of-study internship as a third-year Computer Science Engineering student at BpiFrance. This internship will conclude in August, and I will be actively seeking job opportunities starting from September.

EDUCATION

- **Engineer's Degree in Computer Science** 2021-24
National School of Computer Science, Manouba, Tunisia
- **Preparatory Institute of Engineering Studies** 2019-21
El Manar, Tunisia Rank: 46/630

EXPERIENCE

- **DevOps and Cloud Engineer Intern** February - August 2024
@BpiFrance On-site
 - Migrating the 'Valorisation' services to the cloud as a SaaS.
 - Strong knowledge of AWS services and AWS well-architected framework.
 - Practical proficiency in infrastructure as code (IaC) using Terraform and managing Kubernetes clusters.
 - Hands-on experience in designing applications architecture on AWS and migrating infrastructure to the cloud.
 - Technology Used: Terraform, Kubernetes, AWS, Docker, Jenkins, Gitlab, FluxCD, Artifactory, Angular, Java
- **Software Engineer Intern** July - August 2023
@YaiGlobal On-site
 - Implementing External Distributed Configuration Service within micro-services architecture.
 - Strong knowledge of REST API best practices.
 - Hands-on experience in applications containerization using Docker and Docker-Compose.
 - Technology Used: ReactJs , NodeJs, Redis , Docker , Docker-compose

PERSONAL PROJECTS

- **Design and Development of Quadcopter Drone** January 2023 - May 2023
@National School of Computer Science
 - The goal of this project is to design and develop a fully functional drone, an unmanned aerial vehicle (UAV), capable of performing various tasks and functions
 - Technology Used: C++, Esp32, SPI , I2C , Sensors, PID controller
 - 🐙 GitHub Repository
- **Hospital Management Web Application** July 2022 - August 2022
@National School of Computer Science
 - Facilitating administrative, clinical, and operational tasks in a hospital or healthcare facility
 - Used JWT to create high order security.
 - Technology Used: NodeJs , ExpressJS , HTML, CSS, JavaScript, MongoDB , JWT.
 - 🐙 GitHub Repository

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C/C++, Python, Javascript, Java
Web Development: Nodejs, ExpressJs, ReactJs, HTML, CSS, JQuery
Cloud/Databases: MongoDB, Redis, Relational Database(mysql), AWS, Azure
Tools: Git, Github, Gitlab, Jira, Bitbucket, Jupyter
DevOps: Docker, Docker-compose, Kubernetes, Terraform, Jenkins, Gitlab Actions , FluxCD
Methodology: SCRUM
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Areas of Interest: Software Development and DevOps
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability
Languages: English (B2) , French (B1) , Arabic (Native)

CERTIFICATIONS

AWS Cloud Technical Essentials by Amazon Web Services