



BARKANI Ismail

Cloud and DevOps Engineer

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🎓 EDUCATION

2021 – 2022 Grenoble, France	National School of Engineering in Applied Mathematics and Computer Science - ENSIMAG, <i>Master 2: Advanced Information Systems and Software Engineering (MoSIG)</i>
2020 – 2021 Grenoble, France	National School of Engineering in Applied Mathematics and Computer Science - ENSIMAG, <i>Engineering degree : Information Systems Engineering</i>
2018 – 2020 Rabat, Morocco	National School of Computer Science and Systems Analysis - ENSIAS, <i>Engineering degree : Software engineering</i>
2014 – 2017 Oujda, Morocco	Faculty of Sciences, Oujda - UMP, <i>Bachelor degree : Applied mathematics</i>

💼 WORK EXPERIENCE

03-2022 – present Grenoble, France	Eviden, Cloud and DevOps Engineer <ul style="list-style-type: none">• Develop and maintain the backend of a serverless based application.• Automate cloud application and infrastructure deployment using IaC technologies.• Maintain and automate CI/CD processes.• Advanced troubleshooting by providing Level 3 support.• Oversee non-regression testing for a large B2B e-commerce platform.
03-2021 – 09-2021 Grenoble, France	Eviden, Graduation project - Cloud and DevOps Engineer Transforming a Monolithic Application into Serverless Microservices architecture. <ul style="list-style-type: none">• Tools: Java, Python, Docker, AWS cloudFormation, Jenkins, AWS CodePipeline, AWS codeBuild
06-2020 – 08-2020 Rabat, Morocco	Rabat It Center, internship - DevOps Engineer Implementation of a DevOps Approach for Automating Web Project Development. <ul style="list-style-type: none">• Tools: Terraform, AWS, Jenkins, Docker, Angular6, HTML5, CSS, Spring Boot, MongoDB
07-2019 – 09-2019 Oujda, Morocco	YoSoBox, Internship - Java/JEE Full Stack Developer Design and Development of an E-commerce Web Application(LogimaStore). <ul style="list-style-type: none">• Tools: Angular6, Spring Boot, Spring Data, Spring Rest, Spring Security, Spring AOP, JUnit

📁 RECENT PERSONAL PROJECTS

Serverless ReviewApp Using Actions

- **Tools:** Github Actions, AWS cloudformation, AWS lambda, AWS API Gateway
- **Source code:** [clickable link](#)

GraphQL Serverless APIs for Managing and Analyzing Prices

- **Tools:** AWS CloudFront, AWS AppSync, AWS lambda, AWS DynamoDB, AWS Cognito, AWS CodeBuild, AWS ElastiCache
- **Source code:** [private project](#)

Modeling and provisioning AWS Application Resources (Use Cases)

- **Tools:** Terraform, AWS, Docker swarm
- **Source code:** [clickable link](#)

Automating CI/CD Processes for Serverless Applications

- **Tools:** AWS CodeBuild, AWS CodePipeline, AWS cloudFormation, Docker, shell
- **Source code:** [private project](#)

Distributed Systems for Data Processing (IMDb API)

- **Tools:** Kafka, Spark, Cassandra, Docker, Kubernetes, AWS EC2, AWS ELB, AWS ASG, Terraform
- **Source code:** [clickable link](#)

Wasselni - Carpooling Platform

- **Tools:** Architecture JEE (Servlet, JSTL, JDBC, JavaMail), XatKit, JavaScript, HTML, CSS
- **Source code:** [clickable link](#)

🧠 SKILLS

Programming Language

Java, Python, C

Back-End Development

Java (Frameworks: JEE, Spring)

CI/CD pipeline

Jenkins, Github Actions

Cloud infrastructure

amazon web services (AWS)

Infrastructure as code (IaC)

Terraform, Ansible, CloudFormation

Container orchestration

Kubernetes, Docker

Monitoring

Elasticsearch, AWS Athena

Scripting

Python, Bash, PowerShell

DataBase

MySQL, PostgreSQL

📜 CERTIFICATION

- AWS Certified Developer – Associate
- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- Scrum Foundation Professional Certificate (SFPC)

🌐 LANGUAGES

Arabic: native | **French:** proficient | **English:** proficient

🏠 EXTRACURRICULAR ACTIVITIES

Hult Prize, Head of Technical Unit