

# Tarik Kerrou

## Full-Stack Developer & DevOps Engineer

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🌐 Tarik Kerrou

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🗣 English, French, Arabic, Amazigh

## PROFESSIONAL EXPERIENCES

### Full-Stack Developer - Internship

ABRID SOLUTION / MARRAKECH / OCTOBER 2024 - PRESENT

- Automated end-to-end tests using Playwright for web applications.
- Used Docker for containerization to ensure consistent test environments.
- Integrated test workflows into CI/CD pipelines with GitHub Actions.
- Developed and integrated new functionalities into existing projects using Next.js, React.js, and Flask.
- Used Slack and Linear to enhance team collaboration and project management.

### IT Business Analyst - Internship - PFE

TE CONNECTIVITY / TANGIER / FEBRUARY 2024 - JULY 2024

- Developed services with FastAPI, Angular, and a reporting library to provide users with detailed downtime reports.
- Cleaned AWS database of historical machine data, automated Excel file processing with UiPath and Python, created a clean database for the application using SQL Server.
- Designed UIs in Figma, modeled architecture with UML, and implemented microservices for scalability.
- Leveraged problem-solving skills to identify and implement solutions for reducing machine downtime.
- Optimized agile collaboration using YouTrack, Microsoft Teams, and Outlook for tracking, communication, and scheduling.

## PREVIOUS EXPERIENCES

### Full-Stack Developer - Internship

ALLOBABA / MARRAKECH / JULY 2023 - SEPTEMBER 2023

### Full-Stack Developer - Internship

MINNOVA CONSULTING / TINGHIR / JULY 2022 - AUGUST 2022

## EDUCATION

### State Engineer in Software and Intelligent Systems

FACULTY OF SCIENCES AND TECHNOLOGIES / TANGIER / 2021 - 2024

### Preparatory Classes for Engineering Schools

KOUTOUBIA PREPA / MARRAKECH / 2019 - 2021

## TECHNICAL SKILLS

### Programming Languages :

C, C++, C#, Java, JEE, JavaScript, Python, PHP, TypeScript

### Frameworks and Libraries :

Spring, React.js, Chart.js, Angular, Laravel, .NET Core, Spring Cloud, FastAPI, Spring Security, Express.js, Flask, Next.js, Django, Radix UI, Angular Material, NGX-Translate

### Database Management

MySQL, SQLServer, PostgreSQL, MongoDB, Oracle, Redis, Query Optimization, Database Indexing

### DevOps AND Cloud Technologies :

Docker, Kubernetes, Jenkins, OpenShift, Microservices, Serverless, Ansible, Bash Scripting, AWS, CI/CD Pipelines, Terraform, SonarQube

### Apis and Integration :

RESTful APIs, GraphQL, SOAP

### Security :

JWT, OAuth 2.0, SSL/TLS, Data Encryption, Keycloak, Clerk

### Modeling and Methodologies :

UML, SysML, Merise, Scrum, Design Patterns

### Design and Collaboration :

Figma, Balsamiq, Jira, Trello, Notion, YouTrack, Slack, Linear

### Version Control :

Git, GitHub, GitLab

### Tests :

Swagger, PyTest, Playwright

## SOFT SKILLS

Time Management

Adaptability

Teamwork

Creativity

Leadership

Problem Solving

Critical Thinking

## CERTIFICATIONS

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|-----|---|----------------------|
| IBM | Course in Linux and Bash Scripting                  | <a href="#">Link</a> |
| IBM | Course on Microservices and Serverless Architecture | <a href="#">Link</a> |