

# FOURAT BEN ABDELJELIL

Computer Science Student | Cloud Computing & DevOps Specialist | Full-Stack Developer

mohamedfourat.benabdeljelil@esprit.tn • Berlin, Germany • [linkedin.com/in/mohamedfourat-benabdeljelil](https://www.linkedin.com/in/mohamedfourat-benabdeljelil) • [github.com/fourat02](https://github.com/fourat02) • +49 1551 0694121

## Professional Summary

Final-year Computer Science student based in Germany, specializing in Cloud Computing, DevOps, and full-stack development. Skilled in CI/CD automation, cloud infrastructure management, and modern software engineering. Seeking a working student role or a 6-month internship, with flexibility to extend — no visa sponsorship required.

## Education

Hochschule Schmalkalden, Germany | M.Eng. Computer Science (Exchange Program) | Oct 2024 – Present  
ESPRIT School of Engineering, Tunisia | B.Eng. Computer Science (Cloud Computing) | Sep 2020 – Jun 2024

## Technical Skills

**Cloud & DevOps:** Docker, Kubernetes, OpenStack, Jenkins, Terraform, Azure, AWS, Ansible, Prometheus, Grafana, GitLab, OpenShift, Helm, Nexus, JMeter, YAML, Virtualization (KVM, Hyper-V, VMware, ESXi)  
**Programming Languages:** Java, JavaScript/TypeScript, Python, C/C++, C#, PHP, SQL, Shell  
**Backend:** Spring Boot, .NET, Laravel, Django, Symfony  
**Frontend:** Angular, React, Next.js, HTML/CSS, Bootstrap, Tailwind, Qt  
**Databases:** MySQL, Oracle, MongoDB, PostgreSQL, SQL Server, Hadoop  
**Tools:** Git, Jira, Agile/Scrum, UML, Postman, Linux (Ubuntu, CentOS, Kali)

## Professional Experience

**Cloud Developer & Architecture Intern** June – July 2024

Ernst & Young • Tunis, Tunisia

- Optimized VMware and Kubernetes deployments via infrastructure automation, reducing costs by 30%
- Built cloud-based test environments with Terraform, Grafana, and JMeter, boosting efficiency by 25%
- Refactored a monolithic Node.js app into Docker microservices, improving scalability by 40%
- Set up Azure DevOps CI/CD pipelines with Prometheus-based monitoring for production systems
- Technologies:** Node.js, Azure, Kubernetes, Docker, Terraform, Ansible, Grafana, JMeter, Prometheus, CI/CD, Microservices

**Backend Developer & DevOps Intern** June – July 2023

Openyx • Tunis, Tunisia

- Deployed a secure API gateway with Nginx and SSL/TLS, improving response time by 30% with 99.9% uptime
- Automated CI/CD pipelines using Jenkins and Ansible, reducing setup time by 40%
- Built scalable and optimized Django REST APIs, accelerating development by 40%
- Technologies:** Jenkins, Ansible, Nginx, Django, Docker, Prometheus, Grafana, SSL/TLS, REST APIs

**Full-Stack Web Development Intern** June - July 2022

Comunik • Tunis, Tunisia

- Built Spring Boot/Angular web app improving employee management efficiency by 30%
- Implemented role-based access and automated reporting, reducing administrative work by 40%
- Technologies:** Spring Boot, Angular, Java, MySQL, TypeScript, HTML/CSS

## Key Projects

- Automated DevOps Pipeline:** Architected automated pipeline with Jenkins, Docker, SonarQube, Nexus, and Kubernetes for Spring Boot apps. Reduced deployment time by 50% and added Prometheus/Grafana monitoring.
- Academic Collaboration Platform:** Built full-stack Spring Boot/Angular system with real-time messaging, file sharing, and tracking. Deployed on OpenStack with Kubernetes auto-scaling for 200+ concurrent users.
- Scalable Cloud Infrastructure:** Designed production-ready OpenStack cloud infrastructure featuring Magnum, Kubernetes, and Ansible; achieved 99.9% uptime and cut provisioning time by 40% for 20+ microservices.
- Cross-Platform Sports System:** Developed platform for team matching, tournaments, and booking. Delivered mobile (Codename One), web (Symfony), and desktop (JavaFX) apps used by 500+ users.

## Certifications

Microsoft Azure Fundamentals (AZ-900 Prep) • Cisco CCNA2 Academic • Cisco Network Security

## Languages

English (C1) • German (B2) • French (C1) • Arabic (Native)