

Beha Eddine Fatnassi

Software Engineering & Information Systems

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Profile

Software Engineering student, seeking a final-year internship to apply my skills, holding professional certifications.

Education

Software Engineering & Information Systems	2023 – Present
Private University of Engineering and Technology – TEK-UP, Ariana, Tunis	
Applied Bachelor's Degree in Computer Science	2020 – 2023
Higher Institute of Applied Mathematics and Computer Science, Kairouan	

Experience

Part-time Instructor, TEK-UP (CKAD & CKA)	2025
• Certified Kubernetes Application Developer (CKAD) and Certified Kubernetes Administrator (CKA) instructor.	
DevSecOps Intern – Orange Tunisia	Jul – Aug 2025
• Built and automated cloud infrastructure on AWS using Terraform and Ansible. • Deployed a containerized Login/Register (JWT) Angular + SpringBoot app on Kubernetes with ArgoCD. • Integrated monitoring and security tools: Grafana, Prometheus, SonarQube, and Trivy.	
Full Stack Developer – Final Year Project, Arab Soft, Lac 1	Jan – May 2023
• Designed an interactive web mailing application with targeted campaign management and JWT authentication. • Collaborated on specifications using UML (Lucidchart). Technologies: Angular, Spring Boot, MySQL.	
Developer / Network Consultant, Orange Tunisia	Jul 2022
• Built an interactive PHP dashboard to visualize and filter Syslog logs in real-time.	








Projects

Fitness & Sports Connect	2025
• Designed and developed a web & mobile platform connecting users with gyms, coaches, sports clubs, and events. • Built with Django (backend), Flutter (mobile), Ionic (web), AI-based recommendations, and DevOps workflows (Docker, CI/CD, Kubernetes, AWS ...). • Implemented authentication, reservations, payments, geolocation (Google Maps), and push notifications.	
Inventory Management Application	2025
• Developed an inventory management application using NestJS (backend) and Angular (frontend). • Integrated PostgreSQL, Swagger API documentation, and Gemini API for AI-driven features.	
CI/CD Automation for Symfony Project	2024
• Set up GitLab CI/CD pipelines with automated tests, security analysis, Docker image deployment, and Kubernetes deployment. • Integrated SonarQube for code quality and continuous improvement.	

Skills

DevOps: AWS, Docker, Podman, Kubernetes, GitLab CI/CD, Ansible, Terraform, Helm, SonarQube, Grafana, Prometheus, Argo
Databases: MySQL, MongoDB
Frameworks & Libraries: Spring Boot, Angular, NestJS, Symfony, .NET, Bootstrap, GraphQL, Ionic, Flutter, Django
Soft Skills: Time Management, Teamwork, Adaptability

Certifications

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| • GitHub Actions – Terraform Associate (ongoing, 2025) | • Kubernetes Administrator – CKA (2024)  |
| • Red Hat Specialty Container – RHCSC (2025)  | • Python Associate Programmer – PCAP (2024)  |
| • Red Hat Engineer – RHCE (2025)  | • Red Hat System Administrator – RHCSA (2024)  |
| • Kubernetes Developer – CKAD (2024)  | • Scrum SFC™ SFPC™ (2024)  |

Organizations & Events

Participant – Digital Congress, 3rd Edition	2025
TEK-UP, Hammamet	
Participant – Digital Future, 6th Edition	2024
TEK-UP, Sousse	
Volunteer – Tunisian Red Crescent – Ras Jbal	May 2018 – Present

Languages

English | French | Arabic