FERDAWS KSIKSI
Software Engineer

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PROFILE

A passionate software engineer with expertise in Cloud and DevOps technologies, seeking an opportunity to take on new challenges. Enthusiastic and motivated, I am committed to contributing value to innovative teams through my skills in web and mobile development, proficiency with modern tools, and ability to adapt quickly to dynamic environments.

PROFESSIONAL EXPERIENCE

FREELANCE, Remote   03/2025 - 05/2025
Software Engineer

- Designed and developed a web application for managing students, courses, teachers, and absences, with features to monitor attendance and organize academic data through an intuitive user interface.

Tools and Technologies :Spring Boot, JPA(Hibernate), Spring Security (JWT), MySQL, Angular, Bootstrap, API REST, Gitlab, Swagger UI, Trello

SOTUDEV, Lac Malaren, The Dot Space, Tunisia   03/2024 - 08/2024
Software Engineer Intern

- Developed a mobile application to digitize and automate the management of announcements, contracts, invoices, and complaints, enhancing visibility, traceability, and collaboration in the real estate sector.
- Implemented a full DevOps pipeline using Jenkins for CI/CD, Docker for containerization, SonarQube for code analysis, Prometheus and Grafana for metrics collection and visualization, and Portainer for container monitoring.

Tools and Technologies : Flutter, Spring boot, PostgreSQL, GitLab, SonarQube, Docker, Grafana, Prometheus, Portainer

PLAYSOFT, Monastir, Tunisia   07/2023 – 09/2023
Software Engineer Intern

- Developed a web collaboration application for developers to share diverse content such as images, videos, articles, interact through reactions and comments, and enhance communication.
- Automated the CI/CD pipeline using Jenkins, executed unit tests with Jest, and managed containerization with Docker, ensuring fast and reliable application updates

Tools and Technologies : NestJs, Angular , docker, Jenkins, MongoDB

PLAYSOFT, Monastir, Tunisia   07/2022 - 09/2022
Freelance Software Engineer

- Designed and developed a web application for centralized management of menus, orders, deliveries, and user accounts, providing a seamless experience and better operational organization.

Tools and Technologies:Spring Boot, Spring Data, JPA (Hibernate), MySQL, Angular, Bootstrap, API REST, Gitlab, Postman API

Tunisian Bank (STB), Tunisia,   02/2020 – 08/2020
Software Developer , Intern

- Developed a web admin platform to manage clients, loan requests, appointments, and disbursements, improving management efficiency.
- Created a mobile app for clients to view their profiles, submit loan requests, and make disbursements, enhancing user experience and service accessibility.

Tools and Technologies : SpringBoot, Ionic, MySQL, Postman API, StarUML

EDUCATION

TEK-UP University of Digital Sciences, Ariana Tunisia	**2021 – 2024**
Engineering Degree in Computer Science	
Faculty of Economics and Management of Nabeul, Tunisia	**2017 – 2020**
Bachelor's Degree in Applied Computer Science for Business	
The Pioneer School of Medenine, Tunisia	**2016 –2017**
High School Diploma in Experimental Sciences	

CERTIFICATIONS

IEEEXtreme 17.0 Programming Competition Participant	**27-28/10/2023**
AWS Academy Cloud Architecting	**03/2023**
AWS Certified Cloud Practitioner	**02/2023**
Red Hat Certified System Administrator (EX200)	**09/2022**

TECHNICAL SKILLS

Programming Languages : JavaScript, Java
Frameworks: Spring Boot, NestJs, Angular (2+)
Databases : MySQL, NoSQL (MongoDB)-PostgreSQL
Operating Systems : Windows, Linux (CentOS, Ubuntu, RedHat)
DevOps Technologies: Git, GitLab, Docker, AWS ,GitHub Actions, Jenkins, SonarQube, Grafana , Prometheus
LANGUAGES : Arabic: Native, **French** : Advanced , **English :** Intermediate

EXTRACURRICULAR ACTIVITIES

• Co-Founder of Podcast Devness	2023-Present	• BD Member, AIESEC Nabeul	2017-2020
• Sponsorship Lead, IEEE TEK-UP Student Branch	2022-2024	• Marketing Committee Lead, ACM TEK-UP	2021-2023