

AMEL ACHOUR

Computer engineering student specializing in web development

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ABOUT ME

Final-year Computer Engineering student specializing in web development, passionate about technological innovation. Experienced in designing, developing, and maintaining high-performance IT systems through academic projects and internships. Actively seeking a 6-month internship starting in January to make substantial contributions to innovative projects as a software development specialist.

PROFESSIONAL EXPERIENCE

Web Developer intern

july 2024 - September 2024

VERMEG -Tunisia-

"Snag Solving" is a multi-tenant platform for developers, providing an interactive Q&A environment with real-time chat and customizable workspaces. It enhances collaboration and problem-solving in the tech industry.

Accomplishments:

- Interactive Q&A environment.
- Integrated real-time chat.
- Multi-tenant model for customizable workspaces.

Technologies used : Angular / Spring Boot/ JWT / MySql / PostgreSQL / Gitlab / Jira

Mobile Application Developer intern

June 2023 - August 2023

Orga Expert -France ,Tours-

During this internship, I was involved in the full development of the 'DayNursery' mobile application, designed to optimize daycare management. My contributions included creating a user-friendly interface and improving operational efficiency, resulting in a more intuitive and effective tool for daycare centers.

Technologies used : Java / Firebase / Android Studio / Gitlab

EDUCATION

National Diploma in Computer Engineering

TWIN Specialty (Web and Internet Technologies)

Esprit 2020 - 2025

Baccalaureat diploma

In Technical Sciences

Mahdia-Chebba Institute 2020

PROJECTS

PROJECT: METAMATCH

-ESPRIT-May2024

Developed a web platform named Metamatch using **Angular** (FrontEnd) and **ExpressJS** (BackEnd) for sports and technical management of football staff. The platform helps staff organize work, track player progress, create personalized training plans, and prevent injuries. **MongoDB** used for database management.

DEVOPS: CI/CD Pipeline Implementation

-ESPRIT-February2024

I built a Spring Boot project from GitHub, tested it with JUnit and Mockito, and ensured code quality with SonarQube. I hosted artifacts on Nexus, containerized the app with Docker Compose, and monitored it using Grafana and Prometheus.

Technologies: CI/CD, Docker, Jenkins, Git, Nexus, JUnit, SonarQube, Grafana, Prometheus

PROJECT: FACULTY MANAGEMENT WEBSITE

-ESPRIT-January 2024

Design and development of an intuitive web application with **Spring Boot** and **Angular** to facilitate the management of a faculty and its residence. The project includes management of employees, students, courses, events and household information.

PROJECT: PLAY ZONE

-ESPRIT-April2023

Development of a multi-client Java application for sports field reservations, integrating web, mobile and desktop interfaces, with transparent communication via a common database. The application also offers the discovery of sporting events to participate in and access to stores for purchasing sports equipment. Technologies used include **Java**, **Symfony** and **CodeNameOne** for this comprehensive and versatile project.

KEY COMPETENCIES

Programming languages: Java, Python, C++, JavaScript, React, Node.js, ExpressJs, Microsoft C#

Frameworks: Spring Boot, Angular, Symfony5.4, .NET Framework, ASP.Net, .Net Core , Laravel 9

DataBase: Sql, NoSql

Devops: Vagrant, Jenkins, Docker, Git, Sonar, Nexus, Grafana/Prometheus

Project management: Scrum Agile, Jira, Trello

Environment: Windows, Linux

Additional Skills: Data Storage Integration, Web Application Development, Performance Optimization, Code Quality Maintenance

CERTIFICATIONS

Certificate Honoris: Sustainability, Work Ethics, and Gender Equity

Honoris Online Academy - Décembre 2024

Attendance Hashgraph Developer

The Hashgraph Association - Décembre 2024

LANGUAGES

- **Arabic** : Native Language
 - **English** : B1
 - **French** : B1
 - **Spanish:** A1
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