Majdi Benboubaker | Final year software engineering student
Seeking a 4 to 6-Month End-of-Study Internship Beginning in February

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Summary

Results-oriented final-year software engineering student with a proven track record in developing high-performance web applications. Proficient in React, Node.js, Angular, Spring Boot and web design, demonstrating a strong grasp of modern web development frameworks. Possess a solid foundation in RESTful APIs, database management, and DevOps practices. Skilled in applying Agile methodologies like Scrum to deliver high-quality software efficiently. Fluent in both French and English, showcasing exceptional communication and problem-solving skills. Committed to continuous learning and staying up-to-date with the latest industry trends.

Experience

Software Engineer Intern at Sofrecom
📅 *06/2024 - 07/2024*   📍 *Tunis, Tunisia*

Development and deployment of a centralized **identity and access management** system, customized and based on **Keycloak**, to meet the specific needs of Sofrecom's applications.

- Implemented **OpenID Connect** and integrated **LDAP** with Keycloak for secure authentication, authorization, and user management.
- Configured user, client, role, and access management within Keycloak to enforce security policies for Sofrecom's applications.
- **Documented** the Keycloak configuration manual in detail, simplifying application **setup and deployment** for future employees.
- Utilized **Scrum** methodology for **agile** development.

Front End Developer intern at the Tunisian Chemical Group (GCT)
📅 *06/2023 - 07/2023*   📍 *Gabes, Tunisia*

Development of a website aimed at defining the activities of the GCT company, managing the purchase of chemical products, and handling tender management.

- Gathered functional requirements and organized Team tasks.
- Participated in the **conceptual design** of the application (UML class diagram).
- Built a **responsive** website to showcase GCT's core business, significantly enhancing user engagement and experience, using **HTML**, **SCSS**, **JavaScript**

Projects

Book Social Network Web Application
📅 *08/2024 - Present*

- Built a full-stack web application using **Angular**, **Spring Boot** and **PostgreSQL.**
- implemented an identity and access management system through **Keycloak, Spring Security,** secure **Email validation** and **Spring Bean Validation** using JSR 303.
- Integrated **OpenAPI** with **SwaggerUI** for **API documentation.**
- **Containerized** the application's infrastructure using **Docker**

University Web Application "ISSATSO+"
📅 *01/2024 - 04/2024*

- Developed dashboard applications for university staff and students, utilizing **React**, **TailwindCSS**, **Node.js** and **MongoDB Atlas**.
- Secured API endpoints using **JWT** and managed users authorization by roles and authorities.

Product Stock Management System
📅 *03/2024 - 05/2024*

- Implemented microservices architecture and asynchronous communication for a product stock management application using **Spring Boot**, **MySQL**, **Apache Kafka**, and **Conduktor** for real-time inventory updates and improved scalability.
- **Containerized** application's infrastructure using **Docker**.

Ecommerce Web Application "Shoppy"
📅 *10/2023 - 01/2024*

- Built **Responsive** e-commerce platform utilizing **React**, **SCSS**, **Git** and **GitHub**.
- Integrated **NLP chatbot** Model to enhance user experience and operational efficiency in customer service.

C++ Projects: Library management system with member and document tracking, Product management system using dynamic data structures, Tic-tac-toe game
📅 *08/2020 - 05/2022*

Education

Engineer's Degree in Software Engineering
📅 *2022-2025*   📍 *Sousse, Tunisia*
Higher Institue of Applied Science and Technology

Integrated Preparatory Program
📅 *2020-2022*   📍 *Sousse, Tunisia*
Higher Institue of Applied Science and Technology

National BAC Diploma in Science with "Honors"
📅 *2019-2020*   📍 *Gabes, Tunisia*
Pioneer High School

Skills

Personal Qualities :
Proactive and Problem-solver, Curious and passionate, Strong communicator and Collaborative.

Programming Languages:
Java, JavaScript, TypeScript, PHP, Python, SQL, PL/SQL, C, C#, C++.

Frontend Development:
Next.js, React, Angular, Symfony, HTML, CSS/SCSS, UI/UX, Responsive Design.

Backend Development:
Express.js, Node.js, Spring Boot, .NET, Firebase, Swagger, Postman, OpenAPI.

Databases:
MongoDB, Oracle Database, MySQL, PostgreSQL, Redis.

Version Control: Git, Github, GitLab.

Scripting languages: BashScript, Windows Powershell.

Containerization technologies: Docker, Kubernetes.

Cloud computing platforms: AWS, GCP.

Monitoring tools: Prometheus, Graphana.

Communication:
gRPC, Apache Kafka, Rest, RabbitMQ.

Networks:
OSI Model, TCP/IP protocols, Routing, Cisco Packet Tracer.

Code Editors:
Microsoft Visual Studio, VsCode, Intellij Idea, Eclipse.

Operating Systems: Windows, Linux Ubuntu.

Agile Methodologies:
SCRUM, Kanban, Extreme Programming (XP).

Other Tools: Microsoft 365 applications, Trello, Slack, Jira.

Languages

English:	Fluent
French:	Fluent
Arabic:	Native
German:	Beginner

Extracurricular Activities

HR committee
📅 *08/2022 - 07/2023*   📍 *Sousse, Tunisia*
North American Tunisian Engineers Group (NATEG)

Marketing committee
📅 *08/2021 - 07/2022*   📍 *Sousse, Tunisia*
North American Tunisian Engineers Group (NATEG)