



Computer Engineer

Hela Talbi

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EDUCATION

Engineering Degree in Computer Science

Private School of Engineering and Technology (ESPRIT)

September 2021 – September 2024

Preparatory Cycle

Faculty of Sciences of Tunis (FST)

September 2019 – June 2021

Scientific Baccalaureate

High School of Liberty Mhamdia

September 2018 – June 2019

SKILLS

- **Programming Languages:** C#, Java, JavaScript, TypeScript, HTML, CSS, UML
- **Frameworks & Libraries:** .NET, Spring Boot, Node.js, React.js, Angular
- **Web Services & APIs:** RESTful APIs, SOAP, GraphQL
- **Databases:** MySQL, Oracle, MongoDB, SQL Server
- **DevOps Tools:** Git, Jenkins, Docker, SonarQube, Nexus, Grafana, Prometheus
- **Testing Tools:** Jest, Mockito, JUnit
- **CMS:** WordPress
- **Security:** Spring Security, JWT, Penetration Testing

OBJECTIVE

Computer Engineer specializing in the development of web and software solutions. Driven by the development of innovative applications, I am looking to join a dynamic team to tackle complex technological challenges while contributing to the creation of high-quality products.

PROFESSIONAL EXPERIENCES

Final-Year Internship | ASQII, Tunis | January 2024 – July 2024

- Developed a radiotherapy management platform.
- Managed appointments, treatment centers, and media files.
- Implemented features: real-time communication, automated email management, geolocation of centers.
- Applied DevOps practices for continuous and reliable deployment.
- **Key Words :** Node.js, React.js, MySQL, Socket.io, NodeMailer, Cloudinary, Mapbox, DevOps, Jenkins, Docker Compose, SonarQube, Prometheus, Grafana, Continuous Deployment, Automated Testing, Jest.

Engineering Internship | Poulina Group Holding | June 2023 – August 2023

- Developed an internal communication website to enhance corporate collaboration.
- Created user profiles, newsfeeds, and interactive forums.
- Implemented document sharing and role-based access control.
- Integrated real-time interactions for optimized coordination.
- **Key Words :** .NET Microservices, Angular, ASP.NET Core, SQL Server, WebSocket, REST API, Swagger, Entity Framework Core.

Immersion Internship | National Institute of Statistics (INS), Tunis | June 2022 – July 2022

- Created a responsive and user-friendly WordPress website with social media integration, user profile management, and commenting systems.
- Simplified updates through custom plugins and widgets.
- **Key Words :** WordPress, Plugins, Widgets.

ACADEMIC PROJECTS

E-commerce Website: INDUSMARKET

- Developed a web application for industrial product e-commerce.
- Led a team of 5 developers as Lead Developer.
- Designed a platform with smooth navigation and an interactive shopping experience.
- Implemented advanced features for transaction and secure payment management.
- **Key Words :** Spring Boot, Angular, Java, Maven, Hibernate ORM, RESTful web services, Spring Security, JWT, Stripe, RxJs, WebSockets.

Student Contracts Management Website: Kaddem

- Developed a centralized web application for secure management of student contracts.
- Supervised and coordinated the project technically as Lead Developer.
- Implemented DevOps practices for optimized execution and performance.
- Integrated real-time monitoring to ensure system reliability.
- **Key Words :** Spring Boot, Angular, Spring Security, Hibernate, MySQL, Docker, Jenkins, CI/CD, SonarQube, Prometheus, Grafana, Nexus, Mockito, JUnit.

Travel Agency Website

- Developed a website for a travel agency to manage employee and traveler data.
- Implemented features for secure processing of personal and health data.
- Designed a layered architecture for performance and maintainability.
- **Key Words :** ASP.NET Core, Entity Framework Core, SQL Server, Identity Server, RESTful API, LINQ, AutoMapper, Swagger, Dependency Injection.

LANGUAGES

French: B2

English: B2

German: B1

Arabic: Fluent

SOFT SKILLS

Project Management, Leadership, Effective Communication, Problem-Solving, Adaptability