



Charek Yosr

Student

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About Me

Final-year software engineering student at ESPRIT, with strong full-stack development skills in React, Angular, NestJS, and MongoDB. Motivated, organized, and adaptable, I deliver clean, efficient solutions and contribute positively to ambitious technical projects.

Personal Skills

- Motivation
- Team spirit
- Problem solving
- Conflict resolution
- Adaptability

Langue

- English
- French
- Arabic
- Turkish

Education

Private Higher School of Engineering and Technology <i>Engineering in Computer Science</i>	2023- 2026
Higher Institute of Technological Studies of Chargia <i>High School Diploma in Computer Science</i>	2020- 2023
Street El Attarine High school <i>Bachelor's degree in Information System Development</i>	2019- 2020

Experience

Intern at ESPRIT (01/06/2025 – 01/08/2025)	2024
Technologies: <i>Katalon, JMeter, Puppeteer, and k6</i>	
• Conducted performance, usability, and compatibility tests across browsers and devices. • Automated and tracked test cases using Katalon and test matrices.	
Intern at ONRTECH (01/06/2024 – 01/07/2024)	2024
Technologies: <i>React.js, Nest.js, MongoDB</i>	
• Developed a property reservation platform in Tunisia with role-based access for visitors, clients, and owners. • Implemented back-office and front-office features and deployed the application for scalable hosting.	
Intern at Deveeo (27/01/2023 – 31/04/2023) Final year project	2023
Technologies: <i>React.js, Node.js, MySQL, Flutter</i>	
• Developed a web platform for managing beauty and wellness centers in Tunisia with user registration and profile management. • Implemented booking system, approval workflow, management features, and dashboards for tracking reservations and platform usage.	
Intern at Globalnet (07/01/2022 – 12/02/2022)	2022
Technologies: <i>JAVA AWT, MySQL</i>	
• Managed clients, modems, contracts, and subscriptions with role-based authentication. • Developed dashboards, technician interface, and error handling with notifications for efficient monitoring and issue resolution.	
Intern at Globalnet (01/07/2021 – 31/07/2021)	2021
Technologies: <i>HTML, CSS, PHP</i>	
• Developed an online parking reservation system with user management and centralized data. • Enabled online payments, digitalized information to reduce paper use, and provided fast, reliable internet access.	

Academic Projects

WasteWise – Environmental Campaign & Waste Management Platform	Sep – Nov 2025
Technologies : <i>React.js, Python, Fuseki (RDF/SPARQL)</i>	
• Développement d'une plateforme interactive de gestion de campagnes écologiques et d'événements citoyens. • Mise en place d'un CRUD complet avec React.js et un back-end Python/Fuseki (RDF-SPARQL). • Intégration d'une IA (OpenRouter) pour la génération automatique de requêtes SPARQL et l'analyse intelligente des données.	
LibroLink – BookShare Collaborative Platform	Sep – Nov 2025
Technologies: <i>Laravel, Mysql</i>	
• Developed BookShare, a collaborative platform for book sharing with user roles, personal libraries, and wishlists. • Implemented gamification, notifications, blog management, subscriptions, and secure online payments for book loans and purchases.	



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Technical Skills

Programming languages

- C#, Java (J2EE, JavaFX, JAVA AWT), JavaScript, Python, PHP
- Dart (Flutter), Kotlin (Android)

Frontend Frameworks & Technologies

- React.js, Angular, Bootstrap 5, JavaFX, Flutter, Android SDK

Backend Frameworks & Technologies

- Node.js, Spring Boot, Symfony, Laravel, NestJS, .NET, Django

Databases

- Relationnelles : MySQL, PL/SQL, SQL Server, Postgres
- NoSQL : MongoDB, Firebase

Web Services

- API REST, SOAP, GraphQL

Architecture & DevOps

- Architectures : Microservices (REST), Monolithique
- Containerisation : Docker, Docker Compose
- CI/CD : GitHub Actions, Jenkins
- Monitoring : Prometheus, Grafana

Web Technologies & Styling

- HTML5, CSS3, XML, Tailwind CSS

UX / UI Design

- Figma

Tools & Systems :

- Katalon, VsCode, Intellig, Github

Hub Éducatif Multimodal – Virtual Assistant for Learning & Coaching Sep – Nov 2025

Technologies: Django, Postgres

- Developed a multimodal educational platform with role-based access and personalized learning.
- Integrated virtual assistant, auto-generated exercises, and progress tracking dashboards.

Smart190 – Hospital Management & Real-Time Emergency Platform Feb – May 2025

Technologies: React.js, Node.js, MongoDB, Docker, Python, Flask

- Developed a real-time healthcare platform with role-based dashboards, patient tracking, and ambulance routing.
- Integrated AI for urgency prediction, interactive maps, notifications, and a DevOps pipeline for automated deployment.

HomeLengo – Real Estate Management & Real-Time Monitoring Platform Feb – May 2025

Technologies: Angular, Spring Boot, MySQL, Python, Flask

- Developed a real-time platform for managing real estate agencies, listings, and subscriptions.
- Implemented role-based dashboards, interactive maps, AI-powered price predictions, and integrated Stripe for payments.

CI/CD Automation with Jenkins Feb – May 2025

Technologies: Jenkins, Docker, SonarQube, Nexus, Prometheus, Grafana, Mockito, JUnit, Maven

- Automated CI/CD pipeline with Jenkins, including builds, testing, and code analysis.
- Containerized applications with Docker, deployed via Docker Hub, and monitored performance with Prometheus and Grafana.

PetsStore – Microservices Platform Feb – May 2025

Technologies: Spring Boot, Angular, Eureka, Docker, Docker Compose, MySQL, API Gateway, Keycloak

- Developed a microservices-based pet store with orders, payments, and user management.
- Implemented service discovery, secure API routing, and deployed services via Docker Compose for scalability.

TuniCollab – Collaborative Platform Feb – May 2024

Technologies: Symfony, MySQL, JavaFX, FlutterFlow

- Developed a collaborative platform for associations to manage projects, members, and events.
- Implemented donation tracking, volunteer registration, and secure notifications with email confirmations.

Tunisia Touristic – Tourist Guide (Mobile App) Feb – May 2023

Technologies: Flutter, Firebase Firestore, Firebase Authentication, Google Maps API

- Built a cross-platform mobile app for discovering Tunisia's destinations with real-time maps and multi-language support.
- Integrated real-time data management, push notifications, and an admin dashboard, with a user-friendly UI/UX for Android and iOS..

Training

Angular and Spring Boot at CrocoCoder

2022

English A2 at Bourguiba School

2019

Certification

HashGraph developer course	05-Nov-2025
AWS Academy Graduation-cloud foundations	31-Oct-2025
Python et Machine Learning from Cursa	18-Sep-2025
API Orchestration – Associate from Apollo	18-Sep-2025
Responsive Web Design from FreeCodeCamp	13-Sep-2025
Intro to Git & GitHub From Le wagon	20-Aug-2025
Angular & SpringBoot From CrocoCoder	02-Nov-2022