



Charek Yosr

Student

Contact

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- Github
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- Portfolio

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	2023- 2026
Engineering in Computer Science	
Higher Institute of Technological Studies of Charguia	2020- 2023
High School Diploma in Computer Science	
Street El Attarine High school	2019- 2020
Bachelor's degree in Information System Development	

Experience

Intern at ESPRIT (01/06/2025 - 01/08/2025) 2024

Technologies: Katalon, JMeter, Puppeteer, and k6

- 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: React.js, Nest.js, MongoDB

- 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 Deveoo (27/01/2023 - 31/04/2023) Final year project 2023

Technologies: React.js, Node.js, MYSQL, Flutter

- 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: JAVA, AWS, MYSQL

- 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: HTML, CSS, PHP

- 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: React.js, Python, Fuseki (RDF/SPARQL)

- 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: Laravel, MySQL

- 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, JAVA FX, 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, VS Code, IntelliJ, 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