Haroun Barhoumi

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</> LeetCode: leetcode.com/u/haroun_brh/ </> Codeforces: codeforces.com/profile/Haroun_brh.ar

Summary

Final-year Software Engineering student at the National School of Engineers of Tunis (ENIT), with a strong interest in software development. Experienced in working on various projects and problem-solving, with frequent practice on platforms like LeetCode and Codeforces.

Education

National School of Engineers of Tunis (ENIT)(ISO 21001 :2018 and 9001 :2015) 🔗   09/2022 – present
Software Engineering

Faculty of Sciences of Tunis (Preparatory School)   09/2020 – 06/2022
National Engineering School Entry Exam

Professional Experience

Talan Innovation Factory Engineering Internship 🔗   07/2024 – 08/2024
- Developed a platform centered around the innovative concept of DNA Data Storage.
- Secured **first place among 10 teams** for project excellence and innovation.

Frameworks and Tools: Next.js, Artificial Intelligence, Blockchain, DNA Data Storage

Capgemini Engineering Internship 🔗   06/2023 – 07/2023
- Developed a Java application for detecting and recognizing faces using OpenCV.
- Enhanced emotion recognition by analyzing facial expressions in Python with the CV2 library.

Frameworks and Tools: Java, Python,OpenCV, Maven

Projects

- **Ecommerce Microservices Platform** : **GitHub** ○   December 2024 (Ongoing)
  Implemented an E-commerce web application using a microservices architecture with Spring Cloud.
  Technologies: Spring Boot, Docker, Spring Cloud
- **Book Social Network** : **GitHub** ○   September 2024
  Created a social networking platform for book lovers to share and discuss books.
  Technologies: Spring Boot, Angular, Docker, Keycloak
- **Replanto** : **GitHub** ○   July 2024 – August 2024
  Developed a Flutter app for managing plant care, using IoT sensors to automate watering based on environmental conditions.
  Technologies: Flutter, Dart, Firebase, IoT
- **Gym Plus** : **GitHub** ○   March 2024 – May 2024
  Designed a full-stack gym management system with scheduling and membership management.
  Technologies: JHipster, Spring Boot, MySQL, React, Docker
- **Transport Application** : **GitHub** ○   May 2024
  Created a web application for managing bus lines, schedules, and real-time tracking.
  Technologies: ASP.NET 8 MVC
- **Full Stack Blog Website** : **GitHub** ○   January 2024
  Built a blog platform with user registration, post creation, and commenting features.
  Technologies: Symfony, PHPMyAdmin, MySQL
- **Project Management Site** : **GitHub** ○   January 2024
  Developed a web-based project management platform for collaborative project tracking and management.
  Technologies: JEE, MVC, MySQL

Skills

Programming Languages:
C/C#/C++/Python/Java/TypeScript/JavaScript/Dart/PHP

Database:
Microsoft SQL Server/Sqlite/MongoDB/MySQL/Firebase
PostgreSQL

Frameworks and Technologies:
ReactJS/NextJS/Node.js/ASP.NET/Flutter/Spring
Boot/Angular/Docker/GraphQL

Operating System:
Linux/Windows/Bash scripting

Certifications

Coursera
- ASP.NET for Experienced Developers Specialization (3 courses - Board Infinity)
- Building Scalable Java Microservices with Spring Boot and Spring Cloud
- IBM Front-End Developer Professional Certificate
-Data Structures and Algorithms Specialization(UC San Diego)

FreeCodeCamp
- JavaScript Algorithms and Data Structures
- Front End Development Libraries
- Responsive Web Design

Languages

Arab	**English**	**French**
Native	B2	B2