





EDUCATION

Master's Degree in Computer Engineering
National School of Engineering of Sfax



 Sep. 2021 – Jun. 2024  Sfax, Tunisia
GPA: 3.63/4.0

Pre-Engineering Degree in Mathematics and Physics
Preparatory Institute for Engineering Studies of Sfax

 Sep. 2019 – Jun. 2021  Sfax, Tunisia
Ranked in the top 20% in the National Entrance Exam for Engineering Schools.

PROFESSIONAL EXPERIENCE

Software Engineer
Telnet

 Jul. 2024 - Present  Sfax, Tunisia

- Developed features handling timeout and error conditions, improving transaction reliability.
- Optimized Ingenico's payment solution, reducing lag and improving uptime by 15% across 10 functionalities.
- Refactored legacy code using SOLID principles, reducing technical debt by 20% and maintenance time by 25%.
- Migrated 20+ projects from SVN to Bitbucket, automating scripts to streamline deployment.
- Collaborated with a Scrum team using Jira, achieving an average sprint completion rate of 95%.

Skills: C/C++, Docker, Git, SVN, Bamboo, Python, Bitbucket



Software Engineer Intern
ReDX (Revolutionary Digital Transformation Technologies)

 Feb. 2024 - Jun. 2024  Sfax, Tunisia

- Analyzed existing algorithms in NextVision.
- Created a Docker environment to reduce setup time by 50%, for seamless deployment.
- Developed a hybrid CPU-GPU algorithm, Improving execution time by 5.39x.
- Tested and benchmarked to confirm performance enhancements.

Skills : C/C++, Docker, Git, CMake, cuGraph, Podman, OpenMP

DevOps Engineer Intern
ReDX (Revolutionary Digital Transformation Technologies)



 Jun. 2023 - Aug. 2023  Sfax, Tunisia

- Designed and implemented dashboards for six distinct roles, each with customized KPIs and departmental metrics.
- Secured communication between backend and frontend using JWT authentication.
- Created features for course progress tracking and automated certification issuance.

Skills: Angular, Django, MySQL, AWS, JWT

PROJECTS

Lab Research Management Platform

 Sep. 2023 – Dec. 2023  Sfax, Tunisia

- Built a web solution to manage laboratory tasks, reducing administrative workload by 30%.
- Secured lab data with Spring Security and JWT, reducing unauthorized access incidents by 25%.
- Implemented multi-criteria search functionalities, reducing search time by 40%.

Skills: Angular ,Spring Boot ,JWT

SKILLS

Programming Languages
C/C++, Java, TypeScript, JavaScript, PHP, Python

Web Development
Angular, React, Spring Boot, Django, Go

Databases
MongoDB, MySQL, PostgreSQL, Firebase

Devops
Docker, Kubernetes, Github, Azure, AWS, Git

CERTIFICATIONS

- Workshop/Fundamentals of Accelerated Computing with CUDA Python (Nvidia, Feb 2024)
- Introduction à React.js (GoMyCode, July 2023)
- Microsoft Azure-900 (Oct 2023)
- Certified Fundamentals of Scrum (SCRUMstudy, Oct 2022)
- C++ (Sololearn, Mar 2022)

PUBLICATION

- Development of a Decentralized Application for Managing Food Supply Chain Based on Blockchain (May 2024)

AWARDS

- 3rd Place - Hello world 3.0 (ENIS, Apr 2023)
- 1st Place - National Makeothone (Orange, Dec 2022)

EXTRACURRICULAR ACTIVITIES

Chair
IEEE Enis Cyber Security Unit (Jan 2022 - Jan 2023)

LANGUAGES

English	Professional
French	Professional
Arabic	Native Language