

Education

The National School of Engineers of Carthage <i>Competence:</i> 1st out of 100 Students Software Engineering Fundamentals	Sep 2022 - July 2025
Preparatory Institute for Engineering Studies of Monastir <i>Awards:</i> High distinction in <i>Advanced Mathematics, Physics and Automated Technical Systems.</i>	Sep 2020 - June 2022

Professional Experiences

Freelance Full-Stack Engineer <i>Upwork</i>	Oct 2024 Remote
<ul style="list-style-type: none">Collaborated with the client to design and manage the system architecture, ensuring smooth integration, scalability, and reliable performance.Integrated WhatsApp messaging via Baileys and Node.js, allowing users to connect their WhatsApp accounts through QR code scanning and send messages directly from the app.Developed an internal chat system using Java (Spring Boot) for the backend to enable secure, real-time communication between users.	
Fullstack Engineer Intern <i>Move2Cloud</i>	Feb 2025 - June 2025 Remote, France
<ul style="list-style-type: none">Built a multi-cloud management platform enabling users to control cloud resources via natural language chatbot using AWS Bedrock.Designed and developed the full web app with Next.js and Spring Boot for secure, scalable operations across 3 cloud providers.Architected DynamoDB schemas for efficient storage of cloud accounts, sessions, and activity logs.	
Mobile Engineer Intern (Github) <i>Simsoft Technologies</i>	June 2024 - Aug 2024 Sousse, Tunisia
<ul style="list-style-type: none">Developed a mobile application for Sotufab to manage invoices, reducing processing time by 30%.Integrated a chat feature with Flutter, Laravel, and Firebase for seamless communication among 50+ employees.	
Mobile Engineer Intern (Github) <i>Satoripop</i>	Aug 2023 - Aug 2023 Sousse, Tunisia
<ul style="list-style-type: none">Created a user friendly To-do list app using Flutter, emphasizing efficiency and aesthetics.Designed a currency converter app in React Native with an intuitive interface.	

Academic Projects

StageHub (Github)	Sept 2025
<ul style="list-style-type: none">Optimized ENICAR's internship application process, automating the tracking of over 500 submissions.Developed various dashboards using Angular and Spring Boot in collaboration with a team of 5.	
Sketchify (Github)	

- Engineered a robust desktop application utilizing **Java** for creating UML Diagrams.
- Crafted the user interface using **JavaFX** ensuring a sleek and intuitive design.

Personal Projects

GitHub Analyzer (Github) (Website Link)	Sept 2025
<ul style="list-style-type: none">Built a web app analyzing GitHub repositories, providing AI-driven insights on code quality, commits, and contributors using NextJs, NodeJs and TypeScript.Created real-time dashboards and visualizations for repository metrics using scalable back-end APIs.	
NinjaPulse (Github) (Website Link)	Mar 2024

- A donation directory website in order to help organizations to provide aid for people in need.
- Built and launched an application with **Angular** for the front end and **NodeJS** for the API.
- Used **Docker** to enable seamless deployment and scalability across different environments.

Technical Skills

Programming Languages: Python, Javascript, C, C++, Java and Dart.	
Frameworks: Angular, Spring, Spring Boot, ReactJs, NextJs, Flutter and React Native.	
Databases: MySQL, MongoDB, SSMS, DynamoDB and Firebase.	
Technologies : Docker, Prometheus, and Databricks.	
Cloud : Azure Data Factory, Azure Data Lake, Azure SQL DB, Azure Synapse Analytics, AWS, and Azure Blob Storage.	
IT Infrastructure / Administration : Linux	