

## Education

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### The National School of Engineers of Carthage

Sep 2022 - July 2025

*Competence:* Software engineering fundamentals

### Preparatory Institute for Engineering Studies of Monastir

Sep 2020 - June 2022

*Awards:* High distinction in *Advanced Mathematics, Physics and Automated Technical Systems.*

## Professional Experiences

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### Fullstack Engineer Intern

Feb 2025 - June 2025

Move2Cloud

Remote, France

- 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](#))

June 2024 - Aug 2024

Simsoft Technologies

Sousse, Tunisia

- 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](#))

Aug 2023 - Aug 2023

Satoripop

Sousse, Tunisia

- 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

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### StageHub ([Github](#))

- 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.

### Log Server

- Configured a log server on **Rocky Linux**, integrating **Rsyslog** for efficient log management from 30+ devices.
- Implemented an interface using **LogAnalyzer** for streamlined log analysis and monitoring.

### 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

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### Olympic Data Analysis on Azure

July 2024

- Developed a data pipeline using **Azure services** to collect, process, and analyze over 1TB Olympic data.
- Designed visualizations and **ETL** workflows to provide real-time 300+ athlete performances and event statistics.

### NinjaPulse ([Github](#))

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

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**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