

## Technical Skills

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**Programming Languages:** Java, Javascript, Python, C, C++, and Dart.

**Frameworks:** Spring, Spring Boot, NextJs, ReactJs, Flutter, Angular and React Native.

**Databases:** MySQL, SSMS, DynamoDB, MongoDB, Supabase and Firebase.

**Technologies :** Docker, Prometheus, and Databricks.

**Cloud :** AWS, Azure Data Factory, Azure Data Lake, Azure SQL DB, Azure Synapse Analytics, and Azure Blob Storage.

**IT Infrastructure / Administration :** Linux

## Education

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### The National School of Engineers of Carthage

Sep 2022 - July 2025

Competence: 1st out of 100 Students | 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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### Freelance Full-Stack Engineer

Oct 2024

*Upwork*

*Remote*

- Collaborated with the client to design and manage the system architecture, ensuring smooth integration.
- 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 real-time messaging between users.

### 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**.
- **Developed the app** from scratch with **Next.js** and **Spring Boot** for secure, scalable operations across 3 cloud providers.
- Designed **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

- 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

- 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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### GitHub Analyzer ([Github](#))([Website Link](#))

Sept 2025

- 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.

### AI Gmail Reply Assistant ([Website Link](#))

Sept 2025

- Built an AI Gmail assistant using **Google Gemini 2.0** Flash for contextual, tone-customized email replies.
- Integrated **OAuth2**, **Gmail API**, and **real-time sync** for secure access and live updates.