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Sirajeddine Aissa

Full-stack Software Engineer

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EDUCATION

Industrial Engineering at the National Institute of Applied Science and Technology (INSAT)
Baccalaureate in Computer Science achieved with a score of 16.30/20, ranked 12th countrywide.

September 2019 - Present
September 2018 - June 2019

WORK EXPERIENCE

Full-stack Developer

December 2021 - February 2022

CONSULTING @ LOGICIELS ET SYSTÈMES

- Development of a Web App for the needs of Accon-rvs, an accounting platform built with Angular, Laravel and MySQL, running through a Jenkins pipeline.

VOLUNTEERING EXPERIENCE

Webmaster

August 2021 - August 2022

IEEE INSAT Student Branch

- Head of the Webmasters' department.
- Responsible for creating and managing IEEE INSAT's Student Branch website as well as monitoring and supervising other Webmasters in IEEE's chapters.

Media and Communication Manager

March 2022 - July 2022

National Robotics Weekend 4.0

- Responsible for re-branding the National Robotics Weekend 4.0's theme (It's a yearly congress abbreviated as NRW 4.0, hosted by one of IEEE's society chapters (The Robotics Automation Society)).
- Responsible for creating the graphic design assets related to the event.
- Responsible for moderating the event's social media.

Competitive Programming Problem Setter

November 2020 - April 2021

INSAT ACM Student Chapter

- Contributed to the SheSolves 2021 programming event hosted at the National Institute of Applied Science and Technology, by creating and testing competitive programming problems.
- [Check the GitHub repository here!](#)

PROJECTS

Instagram Caption/Keywords Generator

- A web-based solution that generates instagram captions/keywords using the OpenAI API for content generation and FastAPI as the API framework, hosted on AWS Lambda. The infrastructure is maintained by AWS CDK and Docker and the frontend is built with React and TypeScript.
- Tech used: Python, FastAPI, AWS Lambda, AWS CDK, Docker, TypeScript, React, Chakra UI
- [Check the project here!](#)

GitHub Repo Search

- A web-based solution that allows users to search GitHub profiles and go through their GitHub repositories. It also allows users to view some of the data related to each repository (title, description, stars...) and redirect them to its URL.
- Tech used: React, Chakra UI
- [Check the project here!](#)

WipeLacer

- A type-racing web app where the user is provided with Start and Practice sections where they're prompted to write down generated quotes in a certain amount of time and get their WPM/Accuracy results. Each user will have their matches and results saved. A future online implementation will be considered.
- Tech used: React, Firebase
- [Check the project here!](#)

Web Chat

- Established an online web chat app with only Google accounts.
- Tech used: React, Firebase
- [Check the project here!](#)

PROGRAMMING TECHSTACK

Languages	JavaScript, TypeScript, C++, Python, SQL, Bash
Technologies	React.js, Next.js, Node.js, Express.js, Firebase, Docker, Linux, a bit of AWS
Version Control	Git, GitHub
Scrum/Agile Solutions	Trello, Todoist
Graphic and UI/UX Design	Adobe Photoshop, Adobe Illustrator, Figma, Adobe XD

SPOKEN LANGUAGES

English	Bilingual
French	Bilingual
Arabic	Native
German	Beginner