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# Sirajeddine Aissa

## Junior Software Engineer

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[sirajeddineaisa.live](https://sirajeddineaisa.live)

### EDUCATION

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**Engineering** at the National Institute of Applied Science and Technology (INSAT) **Sep. 2019 - Present**  
**Baccalaureate in Computer Science** achieved with a score of 16.30/20, ranked 12th countrywide. **Sep. 2018 - June 2019**

### WORK EXPERIENCE

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**Software Engineer** **Dec. 2022 - Present**  
FIASCO GmbH | Contract

**Full-stack Developer** **July 2022 - Nov. 2022**  
Pixel Partners | Contract

- Development of a Web App that generates AI-based reels to allow users to share memories between each other by uploading photos and videos, for the needs of an American Startup.
- Refurbishment of the same American Startup's website that acts as a portal to the Web App.
- In-process development of a REST API that takes care of the whole Web App's logic from user authentication/verification to handling file upload and movie generation.
- Tech used: Next.js, React.js, Tailwind, Strapi, Vercel, REST APIs

**Junior Developer** **Dec. 2021 - Feb. 2022**  
CONSULTING @ LOGICIELS ET SYSTÈMES | Part-time

- 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

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**Webmaster** **Aug. 2021 - Aug. 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** **Nov. 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

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#### 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

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Languages	TypeScript, JavaScript, 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

## ACHIEVEMENTS

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IEEEExtreme 14.0 - Ranked 15th out of 284 participants in Tunisia

24th October, 2020

## SPOKEN LANGUAGES

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English	Bilingual
French	Bilingual
Arabic	Native
German	Beginner