HAMZA SDIRI
Software Engineering Student

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SUMMARY

Passionate software engineer, with a strong background in designing, developing, and implementing comprehensive software solutions. I aim to join a dynamic team as a full-stack developer to create high-performing and intuitive applications. Currently seeking a web development and DevOps-focused internship as part of my end-of-studies project.

EDUCATION

•**Software Engineering**, National Institute of Applied Science And Technology (INSAT)   *Sep. 2019 - Sep. 2024*

WORK EXPERIENCE

•**UNTY**   *Mai 2023 - Aout 2023*

Full-Stack Developer   Paris,France

- Developing an interactive website
- Integrating screens according to the models
- Developing APIs as needed
- Integrating APIs
- Keywords: NextJs / Sails.js / Figma

•**WaterSec**   *September 2022 - Juin 2023*

Mobile Developer   Tunis,Tunisia

- Creating cross-platform application
- Monitoring the entire application development lifecycle
- Contributing in app designing
- Adding and optimizing features as per specifications
- Keywords: Flutter / Firebase

•**WaterSec**   *Juin 2022 - Aout 2022*

Front-End Developer   Tunis,Tunisia

- Developed an interactive website
- Implemented its new fully responsive design
- Connected it with the backend to show real time data using socket.io
- Keywords: NextJs / Material UI / Socket.io

•**Enactus INSAT**   *April 2022 - Mai 2022*

Front-End Developer   Tunis,Tunisia

- Implemented routing using React router
- Developed and maintained the user interface (responsive)
- Keywords: ReactJS

PERSONAL PROJECTS

•**ChatWee**   *January 2023 - February 2023*

Github

- Implemented the backend functionality for a social media web application including features such as posts publishing, users and content management
- Implemented and maintained CRUD functionality for database entities using mongoose
- Implemented validation rules to ensure that the data entered into the system was accurate and complete
- Implemented security features such as user authentication and authorization and password hashing
- Keywords: Nodejs / Expressjs / MongoDB

- **Carya** *November 2022 - January 2023*
  Github

  - Contributed in the development of a dynamic website enabling users to rent cars and houses
  - Developed and maintained the user interface (responsive)
  - Took care of debugging
  - Keywords: Angular / Bootstrap

- **Baskety** *February 2022 - March 2022*
  Github

  - Developed the frontend of an e-commerce website, focusing on creating a seamless user experience
  - Implemented and maintained CRUD functionality for database entities using mongoose
  - Utilized Redux to efficiently manage state and ensure seamless data flow
  - Keywords: Reactjs / Redux

TECHNICAL SKILLS

- **Programming Languages**: C++, JavaScript, Dart

- **Frontend Development**: HTML, CSS, JavaScript, TypeScript, Bootstrap, MaterialUI, Ant Design, React, Next, Angular

- **Backend Development**: Node.js, Express.js, Sails.js, MySQL, MongoDB, RESTful APIs

- **Mobile App Development**: Flutter, Firebase

- **Tools**: VS Code,Figma, Git, GitHub

- **Agile Methodologies**: Scrum

- **Soft Skills**: Communication, Problem Solving, Teamwork, Time Management, Adaptability

CERTIFICATIONS

- **Front End Development Libraries(freecodecamp)**