



Aziz Hlila

Software Engineering Student

My Contact

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Professional Skill

- Programming Languages
 - Python | Java | Kotlin | C++ | JS
- Web Technologies
 - React | Django | Php | Html | Css
- Machine Learning Technologies
 - PyTorch | TensorFlow | Numpy | Pandas
- Database Management
 - Firebase | Sql | Oracle
- Android Development
 - Android Studio(Java ,Kotlin)
- IDE and Version Control
 - Vs Code | Git | Github

Soft Skill

- Decision making
- Communication
- Multi-tasking
- Management Skills
- Creativity
- Critical Thinking
- Problem solving

Certifications

- Neural Networks and Deep Learning
- Deep Neural Networks with PyTorch
- Engineering Maintainable Android Apps
- McKinsey Forward Program - McKinsey

Achievements

In the IEEE Xtreme Programming Competition, I placed third in my university and 14th nationally, demonstrating advanced problem-solving skills and coding expertise.

Language

- Arabic (Native)
- English
- French

About Me

I'm a software engineering student proficient in Python, Java, JS, and C++, specializing in full-stack development with React and Django. I craft responsive websites, creating dynamic interfaces with React on the front end and using Django for scalable back-end systems and RESTful APIs. Additionally, I'm exploring machine learning with Pytorch and TensorFlow to merge full-stack development skills with innovative solutions.

I also have a robust background in native Android app development, enabling me to create efficient mobile applications catering to diverse user needs.

Projects

• **NextRead: Intelligent Book Recommendation WebSite**

NextRead is an innovative web application designed to elevate the reading experience by offering personalized book recommendations. Developed with a **Django** backend and a **React** front-end, NextRead seamlessly integrates machine learning algorithms to analyze users' reading preferences and provide tailored book suggestions.

• **Personal Portfolio**

My personal portfolio, created using React, serves as a digital display of my experiences and skills. It's a virtual showcase that reflects my journey and highlights the range of abilities I bring to the table.

• **Emotion Recognition CNN - PyTorch Project**

Within this project, I meticulously trained a Convolutional Neural Network (CNN) classifier model using the **PyTorch** framework. Leveraging the fer-2013 dataset, the model was refined to make precise predictions related to seven distinct human emotions. This undertaking demonstrates my expertise in deep learning and computer vision while highlighting my ability to develop models for complex tasks like emotion recognition.

• **Learning and Productivity Android App**

I am the developer of Learnly, an Android app designed to revolutionize learning and productivity management. Learnly seamlessly integrates a Pomodoro timer, a task list, and in-depth statistics tracking to elevate your learning journey. This project exemplifies my expertise in mobile app development and user-centric design, empowering users to efficiently manage their study sessions, stay organized, and monitor their learning progress.

• **Trading Indicator Library**

I created the AZ Trading Indicator Library in Python, providing precise calculations for essential indicators like MACD and RSI. This reflects my expertise in quantitative finance, empowering traders with data-driven decision-making in financial markets.

Education Background

- Higher Institute of Informatics and Mathematics of Monastir (ISIMM)
Bachelor in software engineering
2022-2024
- Bourguiba Secondary School Monastir
Bac Informatique
2021