Rami Toumi *Software engineering Student*

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Profile

I'm Rami Toumi, a Software Engineering student at the Private Higher School of Engineering and Technology ESPRIT, deeply passionate about software development and its dynamic possibilities.

Skills

Spring boot │ Postman │ Postgresql │ Oracle SQL │ MongoDB │ Java │ javaFx │ React │ NodeJs │ javascript │ php │ html │ css │ C/C++ │ python │ Heroku │ Git │ GitHub │ Linux

Education

Engineer's degree, Computer Software Engineering   2023/09 – present │ Al Ghazela, Ariana
Private Higher School of Engineering and Technology ESPRIT

Bachelor's degree, Computer Science Bachelor's degree   2020/09 – 2023/07 │ Monastir, Monastir
Higher Institute of Informatics and Mathematics of Monastir

High School Diploma, Mathematics   2020/09 – 2021/06 │ Ras Jbel, Bizerte
High School Med Ali Annebi Ras Jebel

Professional Experience

Internship at SPIMOB   2023/02 – 2023/05 │ Beb Bhar, Sousse
IntelliChat
- Leveraged pre-trained language models and GPT-3 API for enhanced text generation and chatbot response quality.
- Conducted text preprocessing with NLTK and improved database management using Mongoose.
- Enhanced chatbot UI with React and collaborated seamlessly with the development team for integration.

Technologies Used: GPT-3 API, NLTK, Mongoose, React

Student Developer   2022/01 – 2022/03 │ Monastir, Monastir
Hadhar
- Presented and pitched the project publicly while effectively collaborating with the development team.
- Developed admin website (React.js), mobile app (Flutter), and backend (Express.js, MongoDB), including a QR code system for student attendance.
- Tested APIs with Postman and deployed the solution on Heroku for seamless functionality.

Technologies Used: React.js, Flutter, Express.js, MongoDB, Heroku, Postman

Projects

Bank Statement Analyzer
Application programming interface
- Built a Spring Boot API for bank statement analysis, handling JSON/CSV input and JSON/XML/HTML output.
- Implemented parsers for JSON and exporters for XML/HTML, enhancing data interchange capabilities.
- Conducted thorough transaction data analysis and unit testing to ensure robust functionality.

Technologies Used: Spring Boot, JSON, CSV, XML, JUnit (for unit testing)

CareLink
Health care app
- Developed CareLink, a unified healthcare platform using Symfony (web) and Java/JavaFX (desktop), integrated with MySQL.
- Enabled booking consultations, product purchases, and event participation for users.
- Demonstrated expertise in Symfony, Java/JavaFX, and database management for cross-platform healthcare solutions.

Technologies Used: Symfony, Java and JavaFX, MySQL, Git, Postman