Hammouda Ahmed Mustapha

Software Engineer

ahmedmustapha.hammouda@gmail.com — +21654391747 — linkedin.com/in/hammouda-ahmed-a55270195
Ali Belhouane Street 5012 Sahline, Monastir, Tunisia —github.com/HAMMOUDAmustaphaahmed

Summary

Dynamic and motivated software engineer with over a one year of experience, passionate about teamwork and determined to succeed. Possessing strong problem-solving skills and a proven track record of delivering high-quality solutions. Excels in fast-paced environments and thrives under pressure. Keen on continuous learning and professional development to stay ahead in the rapidly evolving tech landscape.

Experience

Software Engineer

United Colors of Benetton, Monastir, Tunisia   Mar 2023 - Mar 2024

- Ensuring seamless IT operations and optimal productivity, revitalized technical issue resolution by 15%, resulting in a 30% decrease in reported incidents.
- Implemented an automated production cycle tracking system, reducing manual effort by 20% and optimizing resource utilization Power BI for data visualization and analytics that enhanced data-driven decision-making processes and ongoing support to ensure smooth adoption.
- Received commendation from the maintenance team for web-based inventory management and incident tracking processes in improving workflow efficiency.
- Championed a culture of collaboration and knowledge sharing, fostering innovation and continuous improvement.

Back-end Developer

Freelance   Aug 2022 - Feb 2023

- Fortified user authentication and protected sensitive data through a secure login system.
- Established a resilient database infrastructure, ensuring data integrity and availability.
- Developed automated data backups, safeguarding against data loss and enhancing disaster recovery capabilities.
- Collaborated closely with cross-functional teams to understand business requirements and deliver tailored solutions.

Education

Software Engineering

Poly-technical School Sousse   Aug 2019 - Jul 2022

Internships

Final Year Project Intern

TuniPack, Sousse, Tunisia   Feb 2022 - Jun 2022

-Led the development of a cloud-based production tracking system, resulting in significant improvements in performance metrics, error reduction and data collection across the production chain.
-Spearheaded the creation of an embedded system, optimizing operational efficiency and minimizing errors through advanced monitoring and control mechanisms. Leveraged technologies including Python, OpenCV, ESP32, and Raspberry Pi.
-Engineered a cross-platform application to enhance performance metrics and mitigate error risks, streamlining production chain management for seamless control and oversight. Utilized technologies such as Flutter and CosmosDB. Enabling real-time alerts and push notifications for immediate stakeholder actions.

Languages

Arabic (Native Speaker), French (B2), English (B2), German (A2), Italian (A1)

Additional Skills

Cloud: Microsoft Azure
Databases: MySQL, Firebase, MongoDB
Frontend: HTML5, CSS3, JavaScript, React
Backend: PHP Laravel, Python Flask
Other Knowledge: Hadoop, HBase, Docker, IoT, Switching, Flutter (for mobile development)

Certificates

- IBM Blockchain Essentials

- Cisco Networking Academy Cybersecurity Essentials

- Cisco Networking Academy Introduction to IoT

- DELF B2

- TOEIC B2 (850)

Academic Projects

- E-commerce website (Spring Boot / Angular)

- Auction website (Back-end: Laravel)

- File management application (Language: C)

- Mobile application for library management (Android Studio: Java + Firebase)

- Electronic portfolio development (React, NextJs)

- Smart Home creation (Python, OpenCV, ESP32, Raspberry Pi, ThingSpeak IoT Cloud, MQTT)

- WordPress plugin creation

Interests

- Passionate about sports, particularly swimming and football.

- Enthusiast gamer, participated in several tournaments.

- Active member of ISIE, contributing to the smooth conduct of national elections.