SAFA BELHOUCHE

WEB DEVELOPER & BI ANALYST

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Transforming an idea into a robust and innovative digital product, capable of meeting real user needs while delivering measurable business value, is a challenge that requires a digital orchestrator — and this is precisely my specialty. By perfectly synchronizing design, development, and data analysis, I lead the creation of coherent and high-performing web applications, from conception to production. My dual expertise in coding and BI analysis enables me to build products that combine exceptional user experiences with strategic data utilization, ensuring a tangible business impact.

<u>Visit my portfolio to explore my projects</u>

EDUCATION AND EXPERIENCE

2020 - 2021 | Baccalaureate - Mathematical Sciences

Developed strong logical and analytical thinking, laying the foundation for problem-solving in software development.

2021 - 2022 | 1st Year - Computer Science (At EPI School)

Participated in a study-work program to gain initial exposure to programming, databases, and IT fundamentals through small practical and reel projects.

2022 - 2023 | 2nd Year - Business Intelligence (At Polytechnique Sousse)

Specialized in BI, data analysis, SQL, decision-support systems, dashboarding, artificial intelligence, and data cleaning

Completed a technical internship in Java and OOP, gaining hands-on experience in practical software development.

Ranked top among all Business Intelligence students (Major de Promotion).

2023 - 2024 | Bachelor in Business Intelligence

Led a 6-month large-scale capstone project hosted by WhiteCape Technologies, managing the entire lifecycle from needs identification, design, and conception to coding and deployment.

Delivered a full-stack application with BI dashboards and data-driven solutions, honored with excellence (Mention Excellent) - [Visit my portfolio to learn more about this project]

2024 - 2025 | 1st Year Software Engineering (English Program - Polytechnique)

Focused on advanced software development with Python, Django, advanced SQL, PHP, and CI/CD pipelines; engaged in full-stack projects while contributing to socio-cultural and community initiatives.

2025 - present | 2nd Year Software Engineering

Pursuing advanced software engineering specialization through evening/shift courses, enabling full availability for professional engagements. Advancing skills in automation, artificial intelligence, and web animation while gaining hands-on experience in modern software development, full-stack applications, and data-driven solutions.

TECHNICAL SKILLS

Core Expertise (Hands-on / Advanced Experience)

- Frontend: React.js, Next.js ,React Native, Expo, Tailwind CSS, SCSS
- Backend: Node.js, Express.js
- Databases: NoSQL, SQL
- Tools & Practices: Git/GitHub, Docker, CI/CD pipelines, Agile workflow, Figma, UI/UX prototyping

Foundational & Academic Skills

- Languages & Development: Java (OOP), PHP, Python, Django
- Data Analysis & BI: Python (Pandas, NumPy), BI dashboards, SQL queries, data cleaning
- Automation & Al: Machine learning concepts, basic Al models, workflow automation
- Web Animation: Frontend animations, interactive UI effects

ACHIEVEMENTS & VOLUNTEERING

- Ambassador for a Day Badge Awarded by the British Embassy following a national competition
- Fundamentals of Digital Marketing Elements of Al from Google Digital Garage
- Project Management & Digital Organization Agile/Scrum, Notion, ClickUp
- Founder & Team Lead, Bridge ED Socio-cultural initiative recognized for innovation and community impact
- Volunteer, SOS Village Akouda & Elder Care Center Sousse Supported social and cultural initiatives