



- S k a n d e r L a h b a i e l -

Software Engineering Graduate: Expert in Full-Stack Development, Python, and JavaScript

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Software Engineering student specializing in full-stack development, proficient in **React**, **Angular**, **.NET Core**, **C#**, **Java**, with a strong foundation in database management using **SQL** Server and **NoSQL**. Experienced in cloud deployments including **Azure** and **AWS**, and adept in continuous integration and delivery (**CI/CD**) utilizing tools such as **Git**, **GitLab**, **Jenkins**, alongside containerization with **Docker**. Skilled in various software development methodologies including **Agile**, **Scrum**, Test-Driven Development (**TDD**), and Behavior-Driven Development (**BDD**). Demonstrates excellent communication skills, effective team collaboration, and rapid adaptability to new technologies, underpinned by a passion for development and a commitment to ongoing learning and self-improvement.

PROFESSIONAL EXPERIENCE

Hathor Co-Working Space, Tunis • Full stack Developer

06/2023 - 09/2023

- **Website Development and Launch:** Led the development of Hathor Co-Working Space's official website using HTML, CSS, and .NET Core, significantly enhancing online engagement. Integrated NoSQL databases for dynamic content management.
- **Staff Application Creation:** Designed and developed a staff application, focusing on user interface with React and Tailwind CSS, resulting in enhanced user experience and operational efficiency.
- **Backend Server Engineering:** Developed a robust backend API using Node.js and Express, and integrated WebSockets for real-time communication. Implemented Continuous Integration practices with tools like Git, GitLab, Jenkins, and Azure DevOps.
- **Deployment Optimization:** Utilized **Docker** and **Kubernetes** for deployment, achieving scalable, reliable application performance with high availability and fault tolerance.
- **Agile Project Management:** Used of Scrum and Agile methodologies, significantly improving team collaboration and streamlining project management processes.

BIOINNOV-8, Tunis • Full Stack Developer / Python Developer

06/2022 - 06/2023

- **"Chentayeb" Mobile App Leadership:** Directed the development of the "Chentayeb" app using React Native, elevating user engagement with its intuitive design.
- **System Architecture Expertise:** Implemented sophisticated image recognition in the app using TensorFlow and PyTorch, enhancing product functionality and user interaction.
- **User Interface Excellence:** Designed engaging user interfaces with React, focusing on optimal user experience and increased user engagement.
- **Backend Development with Python:** Engineered a high-performing Python server backend, ensuring efficient app operation through APIs and seamless product recognition.

- **Scientific Database Website Development:** Key contributor to a Python-based backend for a scientific database website, showcasing technical proficiency. Utilized a broad range of technologies including **React**, **Postgres**, **Oracle**, **Kafka**, **Jenkins**, and **Python**, showing technical versatility.
- Actively involved in **PLM (Product Lifecycle Management)**, overseeing the app's development from concept to deployment, ensuring alignment with project goals and quality standards.
- Adopted **Agile** and **Scrum** methodologies in project management, facilitating efficient team collaboration and timely delivery of project milestones.

International Bioservices, Tunis • Full Stack Developer

03/2022- 06/2022

- **Enhanced Patient Interface Systems:** Developed Angular/TypeScript and Ionic-based interfaces, increasing data entry efficiency by at least 12%. Utilized .NET Core for backend services, integrating with SQL Server and NoSQL databases.
- **Adaptive Full-Stack Expertise:** Demonstrated proficiency in both front-end and back-end development, including React and C#. Improved project flexibility and response times, aligning with Agile/Scrum methodologies.
- **AI & Big Data Integration:** Integrated AI and Big Data technologies, leveraging cloud deployments in Azure and AWS, enhancing data security and analytics effectiveness by 10%.
- **Continuous Integration and Deployment:** Employed tools like Git, GitLab, Jenkins, and Docker for continuous integration and deployment, streamlining DevOps processes.
- **Technical Skill Mastery:** Gained proficiency in a wide range of programming languages including REST, Python, JavaScript, .Net, Java, XML, and Web. Applied these skills across various project contexts, showing ingenuity and adaptability.

EDUCATION

Degree in Software engineering • Mediterranean Institute of Technologies, Tunisia, 2019 - 2024

CERTIFICATION

Getting Started with Azure DevOps Boards - Project Network (Jan 22, 2023)

Introduction to Back-End Development - Meta (Aug 12, 2023)

Performance Testing with JMeter - Project Network (Apr 18, 2023)

Version Control – Meta (Feb 4, 2023)

Introduction to Front-End Development - Meta (Aug 16, 2023)

Programming with JavaScript – Meta (Feb 1, 2023)

Programming in Python - Meta (Aug 17, 2023) | sReact Basics – Meta (Feb 11, 2023)