

# Yassine Barkati

## Full Stack Developer

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Innovative **full stack developer** with 2+ years of experience and a passion for building cutting-edge solutions. Proficient in multiple programming languages and experienced in full-stack development. Committed to delivering high-quality code, optimizing performance, and driving impactful results. A **collaborative** and a **team player** known for problem-solving skills and a dedication to continuous learning.

### Skills:

- Proficient in **Software Development Life Cycle (SDLC)**, encompassing various models.
- Strong knowledge of **agile (scrum)** methodologies.
- Adept at collaborating with **business analysts** and **developers** to resolve any uncertainties in **requirement specifications**.
- Proficiency in analyzing **technical documentation** and **business requirements**.
- Strong understanding of the **MERN stack (MongoDB, Express.js, React, and Node.js)** and proficient in building full-stack web applications.
- Talented in designing and implementing responsive, **cross-browser** compatible **front-end** interfaces with **HTML5, CSS, and CSS frameworks** like **Tailwind CSS** and **Material-UI**.
- Experienced in writing clean, modular, and maintainable **JavaScript** code for interactive web functionality, including **AJAX** for asynchronous data handling.
- Proficient in using various **JavaScript frameworks** and libraries, particularly **React**.
- Experienced with backend development using **Node.js** and **Express.js**, including the creation of **RESTful APIs** and seamless integration with front-end components.
- Strong knowledge of **API development**, integration, and consumption, encompassing **REST**.
- Competent in database management systems, including **NoSQL** databases such as **MongoDB**.
- Skilled in performing **CRUD** (Create, Read, Update, Delete) operations on databases, both on the front-end and back-end.
- Skillful in **version control systems** like **Git**, ensuring code integrity and facilitating collaboration within teams.
- Performed **Rest API** testing using **Postmen** chrome extension.
- Strong problem-solving and critical-thinking abilities, adept at analyzing complex situations, making informed decisions, and creatively finding solutions to challenges.
- Highly empathetic and a skilled active listener, able to understand diverse perspectives and provide effective support and guidance to colleagues and clients.
- Good team player with strong learning skills, always ready to embrace change and help the team.

### Technical Skills:

- **Programming Languages:** Python, JavaScript.
- **Web Development** : React, HTML5, CSS, Tailwind CSS, Material UI.
- **Back End Development** : REST APIs, Node.js, Express.js, MongoDB.
- **Operating System** : MAC OS, MS Windows.
- **Development Tools** : Postman, Agile methodologies, Git, GitHub, GitHub-Copilot, JSON, Model View Controller Architecture (MVC) Object-Oriented Programming (OOP).

## Professional Experience:

### Freelance/Self Employed, Denver, CO

#### Software Developer

April 2023 to Present

During my freelance career, I undertook a diverse range of responsibilities and provided valuable services to clients.

#### Responsibilities:

- Analyzed client **requirements** and technical designs to create effective action **plans** using **Python** and **JavaScript** for development.
- Developed **console**, **windows**, and **web applications** tailored to meet client and end-user needs, employing **React**, **HTML5**, **CSS**, **Tailwind CSS**, and **Material UI** for web development, and **Node.js**, **Express.js**, and **MongoDB** for back-end development.
- Committed to writing clean code while adhering to coding rules and best practices utilizing **Object-Oriented Programming (OOP)** principles.
- Utilized the latest programming technologies to ensure modern and efficient solutions.
- Consistently met project deadlines and delivery schedules demonstrating proficiency in **Agile methodologies** for project management.
- Engaged in open discussions with clients, actively listening to their feedback and reviews, and making enhancements accordingly fostering **Git**, **GitHub**, and **GitHub Copilot** for collaboration and code **version control**.
- Employed various testing strategies, including unit tests, to ensure the quality of deliverables using tools like **Postman** for **API testing**.
- Participated in verification and validation meetings with clients to ensure that applications met user requirements and needs, applying **Model View Controller (MVC)** Architecture for well-structured applications.
- Ensured successful deployment of built applications to client servers or centralization servers, contributing to **REST APIs** for seamless communication.
- Provided **comprehensive training** to clients, explaining the benefits of the applications, and guiding them on proper usage.
- Offered ongoing maintenance and **support services** for future needs related to applications.

### VIA Software, Tangier, Morocco

#### Full Stack Web Developer

June 2021 to March 2023

Pentalog is a prominent European software services company renowned for its global operations. Pentalog employs over 1,300 talented engineers and IT experts, fostering a dynamic and multicultural work environment. The company's commitment to innovation and its international reach make it a noteworthy player in the technology industry, offering a wide array of services to clients worldwide.

#### Responsibilities:

- Followed a two week-sprint as part of the **Agile methodology** to align team objectives and progress tracking.
- Involved in **sprint planning** meetings to **size** and to provide **LOE** in points for the user stories.
- Employed **Microsoft Office** tools for efficient **organization** and **documentation**, streamlining processes and enhancing productivity.

- Spearheaded the development and maintenance of both current and future desktop and web-based applications, leveraging cutting-edge Microsoft technologies. This included proficiency in **REACT, NoSQL Server, HTML, CSS, Node.js, Express, MongoDB, Bootstrap, JavaScript, Visual Studio, XML, and Web Services.**
- Demonstrated expertise in working with **NoSQL databases**, ensuring robust data management and integrity.
- Conducted training sessions and facilitated **agile sprint** reviews of geospatial tools during development, actively seeking user feedback and incorporating it into the final products.
- Provided exceptional **technical support** to the client community, resolving issues promptly and ensuring a seamless user experience.

## Projects:

### **Activework Bootcamp, Denver, CO**

**SwiftLearn**     [GITHUB – DEMO](#)

**September 2023 (2 weeks)**

- Developed SwiftLearn, an all-in-one education platform for educators and students, integrating multiple technologies for seamless courses and assignment management.
- Utilized **React, Express, MongoDB/Mongoose, Node.js, Tailwind CSS, and Material-UI** to create a modern, user- friendly interface. Employed **Trello for project management.**
- Successfully launched SwiftLearn, simplifying course and assignment management for teachers, providing a user- friendly experience for students, and demonstrating expertise in full-stack development and project management.

### **Activework Bootcamp, Denver, CO**

**MyLibrary App**     [GITHUB – DEMO](#)

**August 2023 (1 week)**

- Developed a React.js-based virtual library integrating external **APIs** for book data, rich text editing using **Draft.js**, and an **AI-powered** chat feature.
- Utilized React.js, Tailwind CSS, and Draft.js to create the web app, implemented external API integration for book data, and developed three main pages. Ensured smooth user experience with **dark/light mode** and **local storage.**
- Delivered a functional web app enabling users to search, view, and download books, take notes, and utilize AI chat. Achieved seamless usability and user preference customization.

### **Activework Bootcamp, Denver, CO**

**Game Project**     [GITHUB – DEMO](#)

**June 2023 (1 week)**

- Created a multi-level game using **HTML, CSS, and JavaScript** with **HTML Canvas** for immersive gameplay.
- Used **VS Code** for coding, designed captivating levels, and handled animations. Maintained clean code with **Git/GitHub.**
- Received positive feedback for captivating gameplay mechanics and visually appealing design. Resolved over 50 bugs. Showcased proficiency in front-end development technologies and completed the project within the bootcamp timeframe.

## Education:

- **Activework Programming School, Denver, CO**  
Software Engineering Certification
- **CPGE Engineering School, El Jadida, Morocco**  
Associate Degree in Mathematics and Computer Science