Badr Mamatahir
Senior Software Developer

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Highly professional Software Developer with over 5 years of professional experience, proficient in all stages of web and mobile development. Equipped with a diverse and promising skill set, I am familiar with Next.js, React.js, and TypeScript. I possess the ability to create cloud-based solutions. My extensive experience gained from working with startups allows me to deliver results in a tight deadlines, Capable of managing projects independently and effectively collaborating within a team setting.

Experience

Senior Frontend Developer *Hatom Labs / Jan 2022 - Present*

Project: Hatom
Hatom is a decentralized, algorithmic protocol for lending, borrowing, and staking assets, that operates on the MultiversX Network.

Key contributions:
- Implemented reusable and scalable components based on the provided Figma design, guaranteeing precise pixel-to-pixel accuracy and consistent functionality across all platform pages.
- Collaborated closely with the design team to facilitate a seamless and efficient redesign of the platform pages, offering valuable insights and suggestions for enhancements where applicable.
- Optimized the performance of existing components and pages, prioritizing the improvement of loading times and the overall user experience.
- Implemented efficient server-side rendering and client-side rendering techniques for optimal performance and SEO.
- Implemented security measures and followed best practices to protect sensitive data and ensure application integrity.

Teck stack: Next.js · React.js · Tailwind CSS · TypeScript · Redux.js · AWS · Git · Figma · GraphQl

Links: https://hatom.com · https://devnet.hatom.com · https://hatomlabs.com · https://esdt.io

Full-stack Developer *Spotbusiness / Feb 2021 - Jan 2022*

Project: Spotbusiness
Built and maintained a web-based rental subscription application for Spotbusiness center, overseeing the entire lifecycle from inception to deployment.

Key contributions:
- Implemented a user interface that precisely mirrored the design's pixel-perfection
- Conceptualized a robust database model using the power of UML.
- Architected the business logic code, adhering to the MVC architecture within Laravel framework.
- Containerized and deployed the app in the cloud using Docker.
- Leveraged XML-RPC connections to seamlessly consume Odoo Web services.
- Integrated multiple payment methods, including Cash on Delivery (COD) and credit card options facilitated by CMI.
- Engineered a custom Odoo module extending the platform's native functionalities to meet specific business requirements.
- Expanded the capabilities of ODOO models by adding custom fields and reports.

Teck stack: Laravel · Livewire · MySQL · Odoo · PHP · Docker

Links: https://spotbusiness.com · https://erp.spotbusiness.ma

Education

Bachelor's Degree in Computer Science
FEDE — Oct 2020
Technician Specialized In Computer Science
ISTA — Jun 2018

Technical Skills

Programing Languages
NodeJs · TypeScript · PHP · Rust

Meta Frameworks and Technologies
ReactJs · NextJs · NestJs · Angular · Laravel · GraphQL · PostgreSQL · MongoDB · Redis · Flutter · Firebase · TailwindCSS · PostgreSQL

Cloud-Based Technologies & DevOps
AWS · Docker · K8s · CI/CD · Git · Nginx

Web3
IPFS · EtherJs · Solidity · Smart Contracts · Blockchain · Metamask · MultiversX

Soft Skills

Teamwork Problem Solving Flexibility
Self-management Training and teaching

Certificates

AWS Solution Architect · **AWS-SAA**
AWS Developer Associate · **AWS-DA**
Kubernetes Administrator · **CNCF**

Links

https://mamatahir.com

github.com/bmamatahir

linkedin.com/in/bmamatahir

Hobbies

Photography, Drawing, Jogging, Programming

Software Developer *Spotbills / Dec 2020 - Feb 2021*

Project: Spotbills

Key contributions:
- Crafted an immersive 3D experience utilizing Three.js technology.
- Developed interactive animations responsive to user interactions.
- Implemented animated textures on the model mesh for enhanced visual appeal.
- Conducted a comprehensive reverse engineering of a similar website to gain insights into the underlying technologies.

Teck stack: Angular · Three.js · GSAP · TypeScript

Flutter Developer *Spotbills / May 2020 - Dec 2020*

Project: Peer
Developed a fast and secure instant messaging app built on top of the Flutter framework, using WebRTC technology for P2P connections powered by AI.

Key contributions:
- Designed aesthetically pleasing and intuitive UIs using Flutter.
- Transferred media and messages through the WebRTC protocol.
- Enhanced security by encrypting data (E2E encryption).
- Implemented reliable and high-quality video and audio call functionalities.
- Integrated TTS and STT messages transformation.

Teck stack: Flutter · Dart · NestJS · Webrtc · Socketlo · NodeJ

Hybrid Mobile Developer *Spotbills / Dec 2019 - May 2020*

Project: Spotfit

Key contributions:
- Developed a mobile app enabling users to discover and access various gyms through a single pass.
- Built an app tailored for our partners, enabling efficient management and oversight of their gym.
- Developed an admin dashboard to monitor and manage business data flow.
- Created an application hosted in a terminal built on web technologies.
- Generated a hybrid mobile app using Cordova with a native look.

Teck stack: Angular · Ionic · Laravel · Redis

Projects

Jood

The app enables users to signal when they encounter homelessness and identify the precise locations. Subsequently, the app notifies the volunteers and furnishes them with a comprehensive report outlining the specific needs of the homeless. In essence, the app acts as a bridge between the homeless individuals and the volunteers, facilitating communication and assistance.

Teck stack: Flutter · Dart · Firebase · Google Maps

Github: https://github.com/bmamatahir/jood

Franni

The easiest and efficient way to note answers for driving school lessons.

Teck stack: Flutter · Hive · Provider

Github: https://github.com/bmamatahir/franni