ABDELHAKIM MERINI

SOFTWARE ENGINEER

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SUMMARY

Computer Science Engineer with 4 years of experience in software development, specializing in building scalable SAAS solutions using React, Node.js, MongoDB, and Express.js.

SKILLS

JavaScript, TypeScript, MongoDB, PostgreSQL, SQL, NoSQL, Studio 3T, Node.js, Express.js, NestJS, Socket.io, React, Redux, Jest, Tailwind.css, Postman, AWS, Google Cloud, Docker, CI/CD, NGINX, GitHub, GitLab, Microservices Architecture, SysML, Modelio.

EXPERIENCES

Full stack developer   📅 2022-Present   📍 Remote

Led full software development, from requirements gathering to deployment, across multiple projects.

- Designed and structured database schemas in MongoDB by identifying key entities and relationships.
- Developed scalable backends with Node.js and Express.js, and built responsive user interfaces using React.
- Integrated Redux for efficient state management in React, minimizing re-renders and eliminating prop drilling.
- Implemented Socket.io to enable real-time data updates, ensuring seamless synchronization.
- Configured Nginx as a reverse proxy for load balancing and used PM2 for process management and monitoring.

Backend developer   📅 2023-2024   📍 Remote

Collaborated with a frontend developer and the project owner to deliver complete software solutions.

- Applied object-oriented programming principles using NestJS framework with TypeScript.
- Integrated SOAP and JSON-based external APIs to connect with third-party services.
- Set up cron-based automation for background processes, improving system efficiency and reducing manual intervention.
- Set up CI/CD pipeline with GitHub Actions for automated testing and deployment.
- Deployed and managed backend services on AWS, leveraging EC2 for hosting and S3 for scalable storage.

EDUCATION

Master's in Information Sytems & Knowledges – 2024
Abou bekr belkaid University **– Tlemcen**

Bachelor's in Computer Science – 2022
Abou bekr belkaid University **– Tlemcen**

Relevent Coursework: Requirements engineering, Systems engineering, Software analyzing and conception, Advanced Data bases, Advanced Networking, Artificial Intelligence.

LANGUAGES

English **C1,** French **C1,** Arabic **Native language**