ARMANDO MONJANE
SOFTWARE ENGINEER

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CAREER SUMMARY

Fullstack Engineer with a strong record of building scalable, user-centric web applications using modern frontend and backend frameworks. Skilled in cloud platforms, DevOps practices, and delivering high-quality, maintainable solutions. Passionate about solving complex problems and driving product innovation

PROFESSIONAL EXPERIENCE

Nscreen, Brazil   12/2023 – PRESENT
Senior Fullstack Engineer – Remote

- Design and maintain scalable web applications using Vite, NestJS, PostgreSQL, and AWS, focusing on performance, reliability, and cloud efficiency
- Lead development of high-traffic digital platforms such as Claro Música TV, Claro Música Web, and InCasa Booking App, delivering intuitive, user-centered experiences
- Collaborate with cross-functional teams to ideate features, resolve complex bugs, and conduct code reviews, enhancing code quality and team performance
- Migrate legacy React 16 applications to React 18, implementing modern hooks and features to improve maintainability and scalability
- Build proof-of-concept applications to test and validate innovative technical approaches, accelerating decision-making and prototyping

Méliuz, Brazil   11/2021 – 09/2023
Senior Fullstack Engineer – Full-time

- Developed and maintained e-commerce websites using React.js, Next.js, and Express, enhancing user shopping experiences and increasing engagement
- Improved website accessibility by adhering to WCAG guidelines, resulting in a more inclusive and user-friendly interface
- Built and maintained scalable web applications with React.js, Next.js, and Express, ensuring reliability and modular architecture
- Optimized application performance by applying best practices in SEO, lazy loading, code splitting, and image optimization
- Developed and deployed scalable, highly available software products, improving uptime and system resilience
- Conducted A/B testing and analyzed user feedback to iteratively enhance key website features and user flows

Maputo Port Development Company, Mozambique   11/2020 – 12/2021
Software Engineer – Full-time

- Developed and maintained scalable web applications using Angular, Node.js, .NET, and MS SQL Server to support port logistics and operations
- Integrated third-party APIs for seamless payment processing, improving transaction efficiency and system interoperability
- Implemented CI/CD pipelines to automate build, test, and deployment processes, reducing release time and improving deployment reliability
- Applied Test-Driven Development (TDD) practices to ensure high code quality and maintainable software architecture
- Collaborated with cross-functional teams—including QA, DevOps, and business analysts—to design, develop, and enhance mission-critical features

Banco Comercial e de Investimento, Mozambique   *05/2019 – 11/2020*
Software Engineer – Full-time

- Developed and maintained dynamic web applications using Polymer and Vaadin, delivering responsive and interactive user experiences
- Built and maintained RESTful APIs with Java, supporting seamless communication between frontend and backend systems
- Integrated APIs with Elasticsearch to enable efficient indexing and full-text search of documents and content
- Designed BPMN workflows to automate business processes, improving operational efficiency and reducing manual effort
- Integrated web applications with BPMN 2.0-compliant engines, ensuring process consistency and scalability
- Created and maintained CI/CD pipelines using Jenkins, streamlining the build, test, and deployment lifecycle

Millennium bim, Mozambique   *04/2017 – 05/2019*
Software Developer – Full-time

- Developed and implemented scalable web applications using Angular, improving internal workflows and user experience
- Provided technical support and troubleshooting for both internal stakeholders and external users, ensuring high system availability and user satisfaction
- Designed and developed SOAP and RESTful web services using .NET, enabling integration with internal systems and external third-party platforms
- Managed development milestones from planning through deployment, ensuring on-time delivery and alignment with business goals
- Delivered full lifecycle software development support, including application engineering, maintenance, and feature enhancements
- Participated in requirements gathering sessions with business teams to define functional specifications and recommend technical solutions

- Created unit test cases and contributed to test automation, improving code reliability and reducing regression issues

Saudigitus, Mozambique   *05/2016 – 04/2017*

Software Developer Intern – Partl-time

- Collaborated with senior developers to troubleshoot and debug application issues, gaining hands-on experience in resolving real-world coding challenges
- Developed and maintained responsive user interfaces using React.js and Angular, contributing to user-friendly and accessible web applications
- Assisted in building web applications and prototypes for client products, supporting agile development cycles and rapid iterations
- Contributed to the development of RESTful APIs using Spring Framework, improving backend functionality and data integration
- Applied continuous integration and test automation practices to support reliable builds, code reuse, and refactoring
- Helped design and implement RESTful web services to manage dynamic datasets, enhancing performance and scalability

EDUCATION

Universidade Eduardo Mondlane   **01/2014 – 01/2017**

Bachelor of Science in Computer Science

CERTIFICATIONS

- Angular Fundamentals— Pluralsight
- Async Patterns in Node.js — Pluralsight
- ITIL® 4 Foundation: Core Concepts — Pluralsight
- Laravel Developer — MozDevz
- Problem Solving(Basic) — HackerRank

TECH SKILLS

- **Frontend Development:** React.js, Angular, Vue.js, Next.js, Redux.js, React Native, HTML5, CSS/CSS3, JavaScript, TypeScript, Vite, Webpack, WordPress, JSON, Polymer, Vaadin
- **Backend Development:** Node.js, NestJS, Express.js, .NET Core, .NET Framework, Java, Spring Boot, PHP, Laravel, C#
- **API & Web Services:** REST / REST APIs, GraphQL, SOAP, JUnit
- **Cloud Platforms & DevOps:** Amazon Web Services (AWS), Amazon Cognito, Amazon SQS, Google Cloud Platform (GCP),Azure, Docker, Jenkins, Git, CI/CD Pipelines, CircleCI
- **Databases:** Postgres, MySQL, MS SQL, Server, MongoDB, Firebase.

LANGUAGE(S)

- English (C1)
- Portuguese (C1)
- Spanish (B1)

- German (B1)

PROJECTS

Saufami
Cardápio Online