Muryllo Santos

Senior Full Stack Engineer
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SUMMARY

Accomplished Senior Full-Stack Engineer specializing in scalable, high-performance solutions using React and AWS. Demonstrated success of optimizing database performance, integrating AI-driven features, and improving system throughput by up to 30%. Strong troubleshooting, leadership, and Agile collaboration skills drive consistent, successful project outcomes.

EDUCATION

Singapore Polytechnic
Diploma in Computer Science
Sep 2015 - Oct 2018

SKILLS

- **Languages:** JavaScript, TypeScript, PHP, Python, Java, C++, C#, HTML, CSS
- **Frontend:** React.js, Vue.js, Angular.js, Next.js, Nuxt.js, ReactNative
- **Backend:** .NET Core/ASP.NET, Node.js, Express.js/Nest.js, Django, Laravel/Slim, Spring Boot, Golang, AI Incorporation
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis, Oracle
- **Cloud:** AWS(S3, SNS, Lambda), GCP, Azure
- **Testing & CI/CD:** Mocha, Jest, Docker, Kubernetes, Jenkins
- **Agile Tools:** Jira, GitHub, Trello, Asana, Azure DevOps

WORK HISTORY

Senior Full-Stack Engineer
Entabeni Systems, *Granby, Colorado, United States*

Dec 2023 - Apr 2025

- Engineered a scalable ski resort management platform with React/Next.js/TypeScript, Node and AWS Lambda, improving operational efficiency by 30% and reducing costs by 20%.
- Integrated Oracle and MySQL databases for seamless storage of operational data, improving performance by optimizing database queries.
- Leveraged AWS S3, SQS, and SNS to synchronize data, manage notifications, and ensure real-time updates across the platform.
- Implemented AI-driven anomaly detection with Google AI Platform, enhancing detection accuracy by 30%.
- Introduced a real-time skier tracking system using AWS Lambda, SQS, and BigQuery; increased decision-making speed for resort management, leading to a 25% improvement in operational efficiency during peak seasons.
- Applied performance-tuning skills to troubleshoot system bottlenecks using GCP Cloud Monitoring and AWS CloudWatch, boosting system efficiency by 15%.

- Implemented Agile Scrum principles, achieving a 25% reduction in resolution time and enhancing feature delivery quality.

Full-Stack Engineer
Youco, *Miami, Florida, United States*
May 2021 - Nov 2023

- Speardheaded the design and development of a real-time collaborative work management platform, boosting team productivity by 30% using React.js, Next.js, TypeScript and Node.
- Developed an interactive, SEO-friendly interface that improved user engagement by 30% using modern UI/UX design principles.
- Enhanced PostgreSQL performance by 30% through innovative design and optimization of data retrieval collections.
- Constructed optimized database schemas and queries, improving data retrieval speed by 30% for large datasets.
- Led deployment of application on AWS and GCP, achieving 99.9% uptime and reducing hosting costs by 20%.
- Adopted AWS (EC2, RDS, S3) and GCP (Cloud Run, Firebase) to enhance real-time notifications and improve data storage efficiency by 30%.

Full-Stack Developer
Wipro Limited, *Singapore*
Jun 2019 - Apr 2021

- Developed and maintained Full-Stack Online Learning Platform (LMS) using .Net(backend) and Vue.js/Nuxt.js/TypeScript (frontend), delivering responsive and high-performing solutions.
- Led the development of user-driven and SEO-optimized websites, improving organic traffic and search rankings using server-side rendering with Nuxt.
- Spreadheaded RESTful APIs, optimizing system processes by 30% while managing complex business logic for scalability.
- Facilitated daily standups and sprint planning sessions, resulting in a 20% increase in on-time project delivery.

Software Engineering Intern
Honor, *Singapore*
Nov 2018 - May 2019

- Designed a scalable E-commerce platform with React.js/TypeScript and Spring, serving over 10,000 users and enhancing overall performance by 30%.
- Established the implementation of 10+ responsive UI components and backend services, enhancing integration efficiency by 20%.
- Enhanced team efficiency by actively participating in sprint planning and daily stand-ups, contributing to a 20% improvement in project delivery timelines.
- Combined CI/CD pipelines with Jenkins and GitHub to boost workflow efficiency by 30%, significantly improving code quality.

CERTIFICATIONS

- **Node.js Developer Professional Certificate** — Coursera (Feb 2019)
- **AWS Certified Solutions Architect** — Amazon Web Services (Nov 2021)