Antonio Dias

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Summary

Full Stack Developer with experience in designing, modernizing, and maintaining scalable systems across financial services and higher education. Skilled in C#, .NET, React, SQL, and cloud technologies (AWS, Azure), with a proven track record of improving system performance and modernizing legacy applications. Adept at collaborating with business users and cross-functional teams to align technology with organizational goals.

Skills

- **Languages & Frameworks:** C#, JavaScript, TypeScript, VB, C, C++
- **Frameworks & Libraries:** .NET, React, Vue
- **Databases:** SQL Server, PostgreSQL, MySQL, Oracle, DynamoDB
- **Messaging & Queues:** RabbitMQ, AWS SQS
- **Cloud & DevOps:** AWS (S3, SQS), Azure DevOps, Docker, Kubernetes, CI/CD, GitHub
- **Monitoring & Testing:** Datadog, Unit Test, NSubstitute, Jest

Experience

FULL STACK DEVELOPER | 08/2021 - Current
BTG Pactual

- Modernized legacy systems by replacing stored procedures with C# .NET services and APIs, integrating Rabbit MQ, AWS SQS, SQL Server, PostgreSQL, MySQL, DynamoDB, and S3, reducing operational costs and improving scalability.
- Designed and built front-end solutions using React and Vue within a microservices architecture, replacing outdated interfaces with modern, user-friendly applications.
- Developed tax calculation and reporting systems to ensure compliance with regulatory standards, enabling accurate income tax declarations.
- Collaborated closely with business users in the tax domain to align technical requirements with business needs, ensuring accuracy in tax processes.
- Implemented observability with Datadog, creating dashboards and monitoring logs to proactively identify and resolve issues.
- Improved code quality and reliability by implementing unit tests with Unit Test, NSubstitute, and Jest.

SOFTWARE ENGINEER | 04/2019 - 08/2021
Higher Education Society Estácio de Sá

- Developed and maintained the university portal using .NET, ensuring system stability and continuous improvements.
- Automated data extraction processes, streamlining reporting and improving operational efficiency.
- Conducted system testing and validation, collaborating with vendors to resolve issues and deploy product updates.
- Generated reports with SQL queries in Oracle to support data-driven decisions.
- Supported production systems by diagnosing and resolving customer issues, managing SLA agreements, and escalating systemic issues to higher-level support.
- Interfaced with external vendors to track and resolve technical problems, ensuring minimal downtime.
- Delivered remote support to identify and address potential system errors in real time.

Education and Training

Universidade Estácio De Sá - Bachelor of Science

Systems Analysis And Development

Languages

- English - Advanced/Professional
- Portuguese - Native