

Denio Barbosa Junior

Software Engineer | Software Developer

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Versatile Software Engineer with extensive experience in software development, specializing in API design and understanding of HTTP requests. Proficient in .NET, Python, and Java environments, applying agile methodologies to drive efficient and effective project completions.

Education

- **Software Engineering**, Centennial College, Toronto, ON, Canada 2023
- **Bachelor of Computer Science**, PUC Minas, Belo Horizonte, MG, Brazil 2018
- **Bachelor of Science, Physics**, UFMG, Belo Horizonte, MG, Brazil 2014

Professional Experience

Senior Software Engineer Consultant, IEBT Innovation April 2023 - Present

- Building RESTful APIs and building data driven solutions for companies in marketing.
- Expertise in .NET and COBOL, building z/OS Connect API and RESTful APIs using ASP.NET Core on Azure DevOps platform.
- Documenting and maintaining the legacy system implemented in clients' server.
- Managing associate and junior level developers, overseeing CI/CD pipelines to improve deployment efficiency in a reliable manner on Cloud platforms.
- Adhering to security and best software engineering practices to improve scalability and maintainability of current code in the future.

Senior Software Engineer Consultant, Deskpal April 2021 - Present

- Building RESTful APIs and building data driven solutions for companies in marketing using Python and C# stacks.
- Implementing best practices in code quality, security, and scalability.
- Facilitating agile project management, employing SCRUM methodologies, enhancing team productivity and project transparency.
- Overseeing the integration of continuous integration/continuous deployment (CI/CD) pipelines, improving deployment efficiency and reliability.

Software Developer, B2 Card, Belo Horizonte, MG, Brazil June 2016 – April 2022

- Developed and optimized backend services, focusing on high-performance COBOL/CICS applications.
- Enhanced software solutions through rigorous testing, code review, and implementing modern development methodologies.
- Collaborated effectively with cross-functional teams to define project scopes and requirements, ensuring successful project outcomes.

Technical Skills

- Programming Languages: C#, Python, Java, C/C++, Ruby, JavaScript
- API Development: RESTful Services, JSON, XML, Web Services
- Python Libraries: MatPlotLib, Pandas, NumPy, Spark, PyTorch
- Rails Libraries: Pundit, ActionMailer, PG-Search, Puma, FactoryBot
- Web Development: ASP.NET, Spring Boot, Flask, Django, React, Node, Express
- Database Management: SQL Server, Oracle DB
- Tools and Platforms: Git, Docker, Jenkins, Azure, Microsoft Office Tools
- Proficient in HTTP/HTTPS protocols, understanding of web sockets, and secure API authentication methods.

Certifications

- DevOps Foundations, LinkedIn Learning, 2023
- Agile User Stories, LinkedIn Learning, 2022
- Building Agile Team, LinkedIn Learning, 2022
- Agile Project Management, LinkedIn Learning, 2016

Additional Information

- Strong analytical and problem-solving skills.
- Excellent communication and teamwork abilities.
- Fluent in English and Portuguese.
- Committed to continuous learning and applying new technologies in practical applications.