

Pedro Warmling Botelho

Software Engineer

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SUMMARY

Software Engineer with over 5 years of experience in developing innovative and high-performance applications, primarily within the AWS environment. Proven expertise across a broad tech stack, including Java, Spring Boot, NodeJS, Typescript, Golang, C#, .NET, React, GraphQL, and Rest APIs, alongside strong skills in leveraging queuing services. Experienced in leading teams and delivering scalable solutions that drive efficiency and innovation. Passionate about continuous learning and seeking new challenges to further develop skills and contribute to impactful software development projects

SKILLS

NodeJS, Java, C#, Golang, AWS (Lambda, CloudFormation, API Gateway, RDS, DynamoDB, SQS, SNS, S3, SES, Cognito, AppSync, EKS, ECS), Typescript, React, Spring Boot, .NET, MySQL, PostgreSQL, Infra as Code, Terraform, GraphQL, Docker, Kubernetes, Redis, Datadog, Open Telemetry, Kibana.

Leadership, Analytics, Communication, Proactivity.

PROFESSIONAL EXPERIENCE

Software Engineer

EBANX, Curitiba, Paraná, BR

05/2024 to Present

Core Responsibilities:

- Developed and maintained critical features in Java for local transfers via PIX and TED, ensuring secure communication with the Brazilian Central Bank;
- Implemented and enhanced anti-fraud mechanisms, using Queue Services to manage requests through the SRM (Special Refund Mechanism) platform to bolster operational security and efficiency;
- Led the development of a precautionary block feature, ensuring that funds were automatically blocked when potential fraud was detected, enhancing the security and integrity of financial transactions;
- Contributed to optimizing cash-out transactions by implementing queue jobs, reducing transaction processing times from extended delays to just a few seconds, significantly improving user experience and operational efficiency.

Key Technologies and Tools: Java, Spring Boot, Quarkus, AWS, MySQL, Hibernate, Redis, Git, Datadog, Kibana.

Software Engineer

BTG Pactual, São Paulo, São Paulo, BR – Remote

10/2022 to 05/2024

Core Responsibilities:

- Developed, tested, and maintained functionalities across banking flows such as Wire Transfer, Equities, Futures, FX/NDF, Fixed Income, and Funds, ensuring the reliability of trading operations within the FTS Offshore platform;
- Led the integration of trade flows from external platforms using the FIX Protocol, streamlining trade execution processes and improving connectivity with external partners;
- Played a key role in the migration of legacy systems to web-based applications, enhancing user experience

- by developing both frontend and backend components for the modernized trading platform;
- I successfully contributed to the evolution of BTG US's Front Trade System, enabling more efficient and reliable trading operations while maintaining a high standard of quality and compliance with industry regulations.

Key Technologies and Tools: C#, .NET, NodeJS, React, Typescript, AWS Lambda, SQS, SNS, EKS, Cloud Formation, RabbitMQ, Docker, Hibernate, PostgreSQL, SQL Server, Redis, Datadog, Azure Pipelines.

Software Engineer

Medcloud, Ponta Grossa, Paraná, BR

11/2019 to 10/2022

Core Responsibilities:

- Led two development teams working on the company's flagship products (RIS and CIS), which are management platforms for medical clinics, ensuring timely and high-quality delivery of features;
- Took charge of code review, technical mentoring, testing, and bug fixing, fostering team growth and improving code quality across both teams;
- Played a key role in selecting the technology stack and developing the initial features and infrastructure for one of the platforms, laying the groundwork for future development;
- Supervised sprints, coordinating development efforts to meet project goals while maintaining a strong focus on quality and efficiency.

Key Technologies and Tools: NodeJS, React, Golang, AWS Lambda, AppSync, DynamoDB, MySQL, GraphQL, Cloud Formation, Terraform.

Software Engineer

Shaffen IT, Ponta Grossa, Paraná, BR

07/2019 to 11/2019

Core Responsibilities:

- Completed a development internship as part of the college's internship program, where I maintained and added new features to a web-based ERP system, contributing to its functionality and user experience improvements.

Key Technologies and Tools: PHP, Laravel, AngularJS, PostgreSQL.

EDUCATION

Bachelor of Computer Science

Federal University of Technology, Parana, Brazil

03/2016 to 12/2021

- **Relevant coursework:** Data Structure, Algorithm Analysis, Object-Oriented Programming, Cloud Development, Web Development.
- **Bachelor Thesis:** Development of a cyber-physical system based on Agents for a Smart Parking.

LANGUAGES

Portuguese: Native

English: C2 Proficient

Spanish: Intermediate

Finnish: Basic