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Summary

Software Engineering student at Anhanguera with 3+ years of professional experience in backend development. Skilled in building scalable APIs, database modeling, and cloud-based solutions. Proficient in C#, .NET, Java, and modern database technologies like PostgreSQL and MongoDB. Passionate about agile methodologies and collaborative problem-solving. Strong focus on delivering efficient, maintainable, and scalable software solutions.

Technical Skills

- Programming Languages: C#, Java, JavaScript, C++, C
- Frameworks/Tools: .NET, Node.js, Express, Git, RabbitMQ
- Databases: PostgreSQL, Microsoft SQL Server, MongoDB, Elasticsearch
- Cloud/DevOps: Azure
- Languages: English (Professional Proficiency), Portuguese (Native)

Experience

Fitbank .NET Developer | August 2022 - March/2025

- Developed and maintained robust systems using .NET (versions 4 to 8), .NET Core, and C#, applying Clean Code principles and modern architectures.
- Served as Lead Developer for Fitbank's International Project, implementing cross-border payment solutions that processed thousands of daily transactions.

Backend Development and Architecture

- Designed and built scalable RESTful APIs for payment processing, ensuring high availability.
- Implemented microservices architecture with Docker containers and Kubernetes (EKS) orchestration.
- Integrated with international providers using RabbitMQ for asynchronous communication.

Databases and Performance

- SQL Server modeling and optimization: created complex stored procedures, indexes, and query optimizations.
- Worked with MongoDB for non-relational data use cases (transactional logs, catalogs).
- Configured Elasticsearch clusters for performance analysis and monitoring.

DevOps and Best Practices

- Containerized applications with Docker (including multi-stage builds).
- Implemented CI/CD pipelines with Azure DevOps (build, automated testing, and deployment).
- Version control with Git (Git Flow, code reviews via Pull Requests).
- Unit and integration testing.
- Performance monitoring with Elasticsearch and Kibana.

Agile Methodologies

- Daily work with Scrum (stand-ups, planning, retrospectives).
- Backlog management and prioritization with Product Owners.
- API documentation (Swagger).

Key Technologies:

- C#, .NET/.NET Core, SQL Server, MongoDB, Docker, Kubernetes (EKS), RabbitMQ, Elasticsearch, REST APIs, JavaScript/jQuery, Azure DevOps, Git, HTML/CSS.

Education

Anhanguera Educacional - Anhanguera

- Bachelor's Degree in Software Engineering | 2024 - Present

Federal University of Ceará - UFC

- Bachelor's Degree in Computer Science | *2019 - Paused

Certifications

- Java 17 Masterclass: Start Coding in 2024 - Tim Buchalka (Issued: 09/13/2024)

Projects

Payment Gateway Integration

- Developed a RESTful API for integrating multiple payment gateways..
- Technologies: C#, .NET, MongoDB, RabbitMQ.

Scalable Database Design

- Developed a scalable database architecture for a high-traffic application.
- Technologies: PostgreSQL, Elasticsearch.