CARLOS MATHEUS SOUZA VIANA
Full-Stack Developer

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SUMMARY

Full Stack Developer with 6+ years of experience specializing in React, Next.js, TypeScript, Node.js, and Express, building scalable systems, along with AWS services such as Lambda, ECS, S3, RDS, and SQS. Proficient in developing RESTful APIs with Express and NestJS, and working with SQL and NoSQL databases like PostgreSQL and MongoDB. Proven track record of mentoring junior developers and fostering team growth. Skilled in creating responsive, user-friendly interfaces with TailwindCSS. Experienced in Docker, CI/CD pipelines, TDD, and tools like ESLint for maintaining clean, high-quality code.

PROFESSIONAL EXPERIENCE

TANGOCODE   **Chicago, IL, USA (Remote)**
Software Engineer   **01-2025 – Present**

- Developed a platform leveraging AI to deliver advanced analysis and actionable insights for clients.
- Integrated machine learning models to automate data processing and enhance decision-making accuracy.
- Processed large-scale datasets, ensuring performance and scalability across the system.
- Refactored and optimized key components to improve system efficiency, reduce technical debt, and enhance maintainability.
- Collaborated with cross-functional teams to deliver features that align with business goals and user needs.
- Conducted code reviews and mentored developers to uphold best practices and support team growth.

Technologies and Tools: React, Tailwind CSS, NextJs, Node.js, TypeScript, Python, AWS, DynamoDB.

GROWTH MACHINE   **Rio de Janeiro, Brazil (Remote)**
Full-Stack Developer   **03-2023 – 01/2025**

- Led the development of Station AI, integrating generative AI to enhance automation and decision-making.
- Developed Growth Way, Growth Machine's main platform, utilizing a microservices approach.
- Development of GS Engage, Growth Machine's sales engagement platform.
- Led the transition from styled-components to TailwindCSS, tutoring colleagues and highlighting its benefits.
- Developed Beyond System, a design system that accelerated development cycles and improved UI consistency.
- Implemented high-performance features, reducing loading times by 40% across products.
- Refactored and optimized critical components, reducing technical debt by resolving 20+ issues.
- Worked with DevOps and QA teams, ensuring seamless integration and deployment of serverless applications.
- Regularly conducted code reviews and mentored 3 junior developers.

Technologies and Tools: React, Tailwind CSS, NextJs, Node.js, TypeScript, AWS, Docker, ElasticMQ, MongoDB, Jest.

SQUADRA DIGITAL   **Belo Horizonte, Brazil (Remote)**
Full-Stack Developer   **04-2021 – 02-2023**

- Developed and maintained complex, scalable web applications for clients in the public and private sectors.
- Collaborated closely with designers and product managers to implement user-focused designs.
- Delivered highly scalable web applications, with intuitive user experience, accessibility and responsiveness.
- Participated in code reviews, providing constructive feedback that improved performance and code quality.

Technologies and Tools: TypeScript, React, NextJs, Node.js, Nest.js, Docker, PostgreSQL, Jest, Kafka, Angular, AWS.

LIFE TECNOLOGIA   **Brasília, Brazil (Remote)**
Full-Stack Developer   **06-2020 – 04-2021**
- Developed secure applications for 2 government ministries, ensuring compliance with industry standards.
- Cooperated effectively with distributed teams, delivering projects on time and meeting client expectations.

Technologies and Tools: TypeScript, Node.js, Angular, Java, PostgreSQL, SQL Server.

UNIFACEX   **Natal, Brazil**
Full-Stack Developer   **02-2019 – 06-2020**
- Developed 5 systems for the E-Learning Department, resulting in a 40% increase in student engagement.

Technologies and Tools: React, Node.js, TypeScript, MongoDB, AWS.

ROBOEDUC   **Natal, Brazil**
Tutor   **08-2016 – 01-2018**
- Taught programming and robotics to 50+ teenagers and children, and created educational materials.

ACADEMIC EDUCATION

FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE   **Natal, Brazil**
Bachelor's degree in Information Technology   **2013 – 2018**

SKILLS

TECHNICAL SKILLS

React, Next.js, TypeScript, JavaScript, Node.js, NestJS, Angular, Python, Redux, TanStack Query (React Query), RESTful APIs, GraphQL, Docker, SQL (PostgreSQL, MySQL, SQL Server), NoSQL (MongoDB), Redis, Socket.IO, Prisma, Sequelize, CI/CD (GitHub Actions, AWS CodePipeline), AWS (Lambda, ECS, S3, RDS, SQS, Cloudfront, Athena, Glue), Tailwind CSS, Storybook, ShadCN, Stripe, OAuth, A.I. Integration, Microservices, Monolithic Architecture, Serverless, Kafka, Terraform, TDD, Test Automation, Jest, Vitest, UI/UX Design, ESLint, Prettier.

SOFT SKILLS

Collaboration, Leadership, Mentoring, Honesty, Dedication, Adaptability, Critical Thinking, Time Management, Agile methodologies, Strong problem-solving, Effective communication, Eagerness to learn.

LANGUAGES

- English – Advanced
- Portuguese – Native

CERTIFICATIONS

- ReactJS Expert, Rocketseat — 05/2024
- Node.js Expert, Rocketseat — 05/2024
- Tailwind CSS Master, Rocketseat — 03/2024
- Next Level (A.I.), Rocketseat — 09/2023
- UI for Front-Ends: From Figma to React – 10/2022
- Complete Modern Web Development (React & Node.js), Udemy — 07/2022
- AWS Development with a Focus on Serverless, Udemy — 07/2022
- Docker for Developers (with Docker Swarm and Kubernetes), Udemy — 07/2022
- Node.js with Tests (TDD), Udemy — 07/2022