# Douglas Eduardo

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## Professional Experience

**Kronos Developments**                                                                                     Navirai, MS
*Founder*                                                                                          **July 2019 – Present**

- Designed and implemented end-to-end solutions using Node.js (with TypeScript), Next.js, Nest.js, and React (Hooks, Context API/Redux/Zustand), achieving 99.8% system uptime across projects.

- Structured scalable microservices and containerized applications with Docker and Kubernetes, reducing deployment times and minimizing maintenance issues.

- Collaborated with design teams to transform wireframes into interactive and responsive interfaces, increasing customer engagement.

**Project Broadcast**                                                                                      Fort Worth, TX
*Software Developer*                                                                      **August 2023 – June 2024**

- Designed and implemented high-performance API services and front-end functionalities using Node.js and React, supporting a multi-channel marketing platform with over 30,000 MAU.

- Developed interactive UI components in React, ensuring cross-browser compatibility and improving user retention.

- Deployed applications via Docker and orchestrated with Kubernetes, enhancing scalability and reducing downtime.

- Developed and managed background job processing using BullMQ. Created a dynamic processor that routes jobs based on group identifiers and job names, integrating comprehensive event monitoring (active, completed, failed, and stalled jobs) via PM2 metrics and a custom logging system. This implementation improved fault tolerance and increased overall job processing efficiency.

**Coopers**                                                                                                Curitiba, PR
*Software Developer*                                                                  **December 2022 – May 2023**

- Developed secure RESTful APIs using NestJS in a containerized environment, powering a bus booking platform that processes over 50,000 monthly transactions.

- Optimized data handling using PostgreSQL and MongoDB, enhancing both performance and reliability.

**SOLO**                                                                                                   Campinas, SP
*Fullstack Developer*                                                              **January 2021 – January 2022**

- Developed the "GoMc" social networking platform for McDonald's, serving eight Latin American countries and over 15,000 active users, using Next.js for the front-end and Nest.js for back-end microservices.

- Integrated Elasticsearch to accelerate search functionalities, reducing query times by 25% and increasing user engagement.

## Skills

- Node.js (with TypeScript and JavaScript).
- NestJS, Express.js.
- React, Next.js, React Native.
- RabbitMQ, BullMQ.

- MongoDB, PostgreSQL, Redis.
- AWS, GCP, Docker, Kubernetes.
- RESTful, GraphQL, WebSockets.
- Prometheus, Grafana, ELK Stack.