



ARTHUR DIAS

SOFTWARE ENGINEER 📍 CHARLOTTE, UNITED STATES ☎ +19802699602

◦ DETAILS ◦

Charlotte
United States
+19802699602
arthursantos01@gmail.com

◦ LINKS ◦

[Github Profile](#)
[Portfolio](#)

◦ SKILLS ◦

JavaScript
HTML & CSS
MongoDB
Node.js
Docker
Python
Git
Redux
React
Typescript
PostgreSQL
NestJS
AWS

◦ LANGUAGES ◦

English
Portuguese
Spanish; Castilian

👤 PROFILE

Senior Full Stack Software Engineer and Team Lead with 6+ years of expertise in building scalable web and mobile applications. Proven track record of delivering high-impact solutions that have improved system performance by up to 90% and customer satisfaction by 27%. Experienced in leading engineering teams and architecting solutions using TypeScript, React, and Node.js ecosystems. Combines technical excellence with strong business acumen to transform complex requirements into efficient, market-ready products.

📁 EMPLOYMENT HISTORY

Lead Software Engineer at Pidapi LLC, Charlotte

April 2024 — Present

- Lead and mentor a team of 2 engineers in developing an educational platform from ground up
- Architect scalable solutions using TypeScript, React, Nest.js, Next.js, and AWS infrastructure
- Establish and maintain development standards, code review processes, and technical documentation
- Drive technical decision-making and sprint planning for platform development
- Implement CI/CD pipelines and infrastructure automation for improved deployment efficiency

FullStack React Developer at Coally, São José dos Campos

January 2021 — August 2023

- Developed Apps from scratch building its own requirements
- Worked to meet client deadlines.
- Planned, developed, tested, deployed, and maintained web applications.
- Effectively translated client requirements into application designs and system requirements.
- Automatized full range of customer's company processes resulting on 3 applications (Dashboard, Mobile and Web) using most recent technologies like React, Next, Firebase, Typescript.
- built e-commerce using wordpress as Backend and NextJS on Front-End.
- REST-API building with NestJS, Docker, PostgreSQL and PrismaORM.
- GraphQL API building with NestJS, Apollo Client, Docker, PostgreSQL.

Software Engineer at GrownBy, New York City

August 2023 — April 2024

- Reduced GitHub workflow costs by 20% through CI pipeline optimization
- Improved server response times by 90% through Firebase functions refactoring
- Enhanced platform security by implementing robust card event validation system
- Managed mobile app releases through App Store and Play Store
- Improved SEO ranking through implementation of dynamic product and farm-based navigation
- Led technical planning sessions and managed sprint deliverables



EDUCATION



MSc Aerospace Engineering, Instituto Tecnológico de Aeronáutica, São José dos Campos

March 2018 — June 2019

Major in Aerospace Structural Analysis.



BSc Aerospace Engineering, Universidade Federal de Uberlândia, Uberlândia

August 2010 — June 2016



BSc Aerospace Engineering, Embry-Riddle Aeronautical University, Daytona Beach

January 2014 — December 2014

Grade: 3.0

Made it to Dean's List on Spring 2014 of the best Students



TOOLBOX



Backend

- REST/GraphQL APIs
- Nest.js
- Node.js
- Jest
- Python/Django



Frontend

- HTML5/CSS
- Javascript / TypeScript
- React.js
- TailwindCSS
- ChakraUI



DevOps

- AWS / Google Cloud Platform
- MySQL / PostgreSQL / MongoDB
- Git
- Gitlab/Github
- Docker / Kubernetes
- Sentry



Integration

- Payment Gateways (Stripe / PayPal)
- E-commerce Platform (Shopify / CommerceJs/ Woocommerce)
- SMS Automation (Twilio)
- Push Notifications (Firebase)
- Analytics (Google Analytics)
- Others (Currency Rates/Etc)



LEARNING PIPELINE



- Observability (Elastic Stack/Prometheus/Graphana) and Mesh Service (Istio)
- Microservices Integration/Communication (RabbitMQ, Apache Kafka, gRPC)
- Microservices Authentication (Keycloak)