

Rodrigo Pinheiro Dias

Full-Stack Developer

Location: Campinas, São Paulo, Brazil | **Email:** rodrigopdias.dev@gmail.com

Portfolio: ropdias.dev | **LinkedIn:** linkedin.com/in/rodrigopdias/ | **Github:** github.com/ropdias

SUMMARY

Full-Stack Developer experienced in building end-to-end applications with modern frameworks such as Next.js, NestJS and Expo, leveraging TypeScript, React, Node.js and React Native to deliver scalable, maintainable and cross-platform solutions. Skilled in applying Clean Architecture, Domain-Driven Design, and SOLID principles to design robust systems, while using tools like AWS, Docker, and GitHub Actions to optimize workflows and deployment pipelines. Proven ability to refactor legacy codebases, implement reusable components, and design modular architectures that improve team productivity and product scalability. Passionate about creating innovative, high-quality software that drives measurable impact through cutting-edge technologies.

SKILLS

Front-End: Next.js, React, HTML, CSS, MUI, shadcn/ui, Vite, CSS Modules, styled-components, Tailwind CSS, UI/UX Design, Figma.

Back-End: NestJS, Node.js, MVC, REST APIs, GraphQL, Express, Fastify, Deno, Caching.

Mobile: React Native, Expo, TypeScript, gluestack-ui, Nativewind, Expo Application Services (EAS), Google Play Deploy, App Store Deploy, Push Notifications, Deep Linking, Secure Authentication, Local Storage, App Navigation.

Languages: TypeScript, JavaScript, Python.

Databases: Prisma ORM, PostgreSQL, Supabase, MongoDB, MySQL, Redis.

Development Tools and CI/CD: AWS, Docker, Git, GitHub, GitHub Actions, Cypress, Playwright, Vitest, Supertest, Jest, Mocha, Chai, Agile Methodologies.

Architecture and Principles: Clean Architecture, Domain-Driven Design, SOLID, Clean Code, Microservices Architecture

Soft Skills: Leadership, Project Management, Communication, Teamwork, Organization, Strategic Thinking, Problem Solving, Creativity, Initiative, Continuous Learning, Adaptability, Collaboration, Negotiation.

Additional Skills: RabbitMQ, Machine Learning, Deep Learning, Operations Research, Optimization, Probability.

PROFESSIONAL EXPERIENCE

Full-Stack Developer

ROPDIAS, Campinas, SP, Brazil – Remote

06/2024 to Present

Core Responsibilities:

- Built and deployed modern web applications with Next.js, TypeScript and Tailwind CSS, delivering responsive, accessible, and high-performance interfaces for personal and client-facing projects.
- Developed advanced CRM features in a Google Chrome Extension using React and MUI, including message sequence scheduling and customer funnel tracking, which automated workflows and improved user efficiency.
- Developed cross-platform mobile applications with React Native, TypeScript and Expo, implementing reusable components, smooth navigation flows, and UI systems using gluestack-ui and Nativewind.
- Integrated native features such as secure authentication, local storage, deep linking and push notifications, ensuring reliable performance and a seamless user experience across devices.

Key Technologies and Tools: Next.js, Typescript, Tailwind CSS, JavaScript, React, Google Chrome Extension APIs, MUI, React Native, Git, GitHub, Agile Methodologies.

Civil Engineer

City Hall of Campinas, Campinas, Brazil

09/2014 to 02/2025

Core Responsibilities:

- Lead teams and manage the production of public infrastructure budgets, using Notion and automated spreadsheets, ensuring compliance with municipal, state, and federal regulations to align projects with approved guidelines and deliver accurate, timely results.
- Collaborate with cross-functional teams to analyze contracts, oversee bidding processes, and review economic-financial adjustments, ensuring project feasibility and legal compliance.

Key Technologies and Tools: AutoCAD, Revit, Civil 3D, Infraworks, Microsoft Excel, Microsoft Word, Notion.

EDUCATION

Postgraduate Certificate in Full-Stack Development

Rocketseat, Remote, Brazil

06/2024 to 11/2025

- **Relevant coursework:** Back-End, Front-End, and Mobile Development
- **Focus:** Mastering the latest technologies and frameworks, including Next.js, NestJS, React, Node.js, React Native, TypeScript, Domain-Driven Design (DDD) and Clean Architecture

Postgraduate Certificate in Business Administration

Fundação Getulio Vargas (FGV), São Paulo, Brazil

09/2017 to 12/2018

- **Relevant coursework:** Leadership and Innovation, Business Strategy, Project Management, Financial Management, and Business Marketing
- **Focus:** Developing managerial skills like strategic thinking, leadership, communication techniques, and business plan analysis, with an emphasis on combining theoretical knowledge with practical applications.

Bachelor's Degree in Civil Engineering

State University of Campinas (UNICAMP), São Paulo, Brazil

01/2008 to 12/2013

CERTIFICATES/COURSES

AWS Cloud Quest: Recertify Cloud Practitioner, AWS Training & Certification, United States 08/2025

Specialization/Training in Figma, Rocketseat, Brazil 06/2025

Clean Code, Udemy, Remote 01/2023

GitHub Actions: The Complete Guide, Udemy, Remote 01/2023

Node.js: The Complete Guide, Udemy, Remote 10/2022

AWS Certified Cloud Practitioner, Amazon Web Services (AWS), United States 06/2022

Python for Finance: Investment Fundamentals & Data Analytics, Udemy, Remote 06/2022

LANGUAGES

Portuguese: Native

English: Fluent