

Paulo Chaves da Silva Filho

Senior Full Stack Engineer

opchaves.com  Github  LinkedIn

opaulochaves@gmail.com Teresina-PI, Brasil

Summary

I'm a Senior Full Stack Engineer with over 10 years of experience, specializing in building REST and GraphQL APIs with Node.js, powered by MongoDB, Postgres, and Redis. I also develop modern UIs with React.js leveraging TypeScript to deliver robust and highly efficient web applications. My focus is on creating efficient, maintainable solutions that drive business impact, from optimizing infrastructure to integrating tools like Google Sheets, Baserow, and Airtable.

Skills

- **Backend:** Node.js, TypeScript, PostgreSQL, Ruby on Rails, REST, GraphQL, MongoDB, Docker
- **Frontend:** React.js, React Router, Redux, Tailwind CSS, AntD, UI/UX, SSR, SPA

Experience

Senior Fullstack Developer (Remote | Contractor) at Thunkable

April 2023 to Current

- Develop and maintain scalable Node.js backends with REST and GraphQL APIs, integrating data sources like Google Sheets, Airtable, and Baserow to power dynamic web, iOS, and Android applications.
- Build and optimize infrastructure using Docker and Kubernetes to enable seamless app generation across platforms.
- Lead end-to-end feature development, managing database, backend, frontend (React.js, TypeScript), and mobile (React Native, Expo) components.
- Migrate extensive JavaScript codebases to TypeScript, enhancing maintainability and type safety.
- Optimize backend processes to reduce GCP storage costs, improving operational efficiency.
- Enhance MongoDB performance by optimizing queries, enabling replica sets, and managing version upgrades for reliability and scalability.
- Implement end-to-end tests with Cypress, ensuring robust feature validation and application reliability.

Software Engineer at BairesDev

July 2020 to December 2022

- Enhanced Canvas LMS components (e.g., Gradebook) at Instructure using Rails and React.js.
- Supported A/B testing at BrooksBell with JavaScript and Adobe Target.

Software Engineer at Movinga

August 2019 to March 2020

- Migrated Rails backend to Node.js with Express for improved scalability.
- Built UIs with Next.js and Material-UI.

Education

- Computer Science, Loyola University Chicago – 2014 - 2015
- Systems Analysis and Development, Federal Institute of Technology in Piaui – 2013 - 2019