

Thiago Messias

Senior Full stack Developer

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SUMMARY

Hi, I'm a Senior Full Stack Developer with over 8 years of experience in creating cutting-edge web solutions. I specialize in React, Next.js, and Python, with a strong focus on building scalable RESTful APIs and designing microservices architectures. My expertise lies in leading projects that foster business growth by delivering seamless, user-centric applications across various platforms.

EDUCATION

B.S. in Computer Science

National University of Singapore, [GPA 4.0/4.0](#)

Singapore, Singapore

04/2013 - 05/2016

EXPERIENCE

Senior Full Stack Developer

Maranhão, Brazil

[Freelancer \(Self-Employed\)](#)

08/2024 - Present

- Led the development of a sports betting odds platform from scratch using React, NextJS and PostgreSQL with Timescale DB, handling over 10,000 data points per minute improving real-time analytics, and reducing page load times by 45% through SSR.
- Designed and executed backend APIs to seamlessly integrate an AI model using Python and Django, resulting in a 30% improvement in predictive accuracy and optimizing decision-making processes for the platform.
- Streamlined DevOps using Docker, Kubernetes, and CI/CD pipelines, cutting deployment time by 50% and enhancing scalability.

Senior Full Stack Engineer

California, USA

[StartupSoft](#)

02/2021 - 05/2024

StartupSoft helps tech startups from Silicon Valley, and other tech hubs across the US and Canada build their offshore and nearshore development teams.

- Orchestrated the frontend development of a scalable e-commerce platform using React, achieving a 99.99% uptime and supporting a 50% increase in concurrent users.
- Spearheaded a cross-functional team to design and implement a scalable microservice architecture leveraging FastAPI, NestJS, and PostgreSQL, achieving a 40% reduction in system downtime and a 30% boost in deployment efficiency through the integration of Kubernetes and Docker.
- Developed over 20 applications following agile development methodologies.
- Deployed and managed application infrastructure on AWS, using EC2, S3, and RDS to ensure high availability and scalability.
- Mentored a team of 5 junior developers, fostering a culture of continuous learning and improving code quality through regular peer reviews and workshops.

Full Stack Developer

Singapore, Singapore

[Visible One](#)

01/2019 - 01/2021

Visible One is a digital marketing agency established in 2008, specializing in web design and development services.

- Designed 20+ front-end web interfaces for engineers and test operations to control and monitor the onboard system, using React, Redux, and Next.js.
- Analyzed and optimized performance bottlenecks in 8+ existing back-end systems by leveraging asynchronous programming with Django and PostgreSQL.
- Participated in agile development processes, delivering key features on time and within budget, which helped the team achieve a 95% project completion rate.
- Contributed to the development of an automated CI/CD pipeline using Jenkins and Docker, reducing deployment time from 2 hours to 15 minutes and enabling daily releases.
- Applied AWS Lambda for serverless computing, reducing operational costs by 20% and enhancing system responsiveness.

Frontend Developer

Singapore, Singapore

[Vinova](#)

07/2016 - 10/2018

Vinova is a passion-driven and award-winning development company for mobile, web, and enterprise applications.

- Developed and launched 12 client websites using React, lowering the average project turnaround time from 7 weeks to 3 weeks.
- Executed front-end technical solutions to meet project requirements for the creation of 5 new websites, utilizing React, Redux, and SEO techniques.
- Utilized HTML, CSS, and JavaScript to create 100+ responsive landing pages for both company and client.
- Managed Angular CLI configurations to improve application loading times, resulting in a 26% uptick in performance metrics.

SKILLS

HTML, CSS, JavaScript, TypeScript, React, Redux, Next.js, SSR, Nest.js, Express.js, Python, FastAPI, Django, Flask, GraphQL, PostgreSQL, Redis, MongoDB, MySQL, AWS, Azure, Docker, Kubernetes, Jenkins, Prisma, Git, Jest, Mocha, Cypress, Playwright, Agile, Caching, ORM, WebSockets, SEO, Jira, RESTful API, Strong Communication, Good Teamwork, Leadership, Problem-Solving, Critical Thinking, Adaptability