Ahmed Forneas

Advanced Full Stack Developer

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Profile

Senior Full-Stack Developer with 7 years of experience delivering end-to-end solutions across **Fintech**, **eCommerce** and **Real Estate** industries.
Skilled at blending creative problem-solving with user-friendly design while maintaining strong ownership and a continuous improvement mindset.

Professional Experience

01/2024 – 09/2025
Lisbon, Portugal

Senior Full Stack Developer, Nearshoring Brasil (remote)
- Created full-featured eCommerce and Real Estate management platforms using React and Python (Django/FastAPI), implementing product catalogs, property listings, payment integrations, and admin dashboards.
- Designed and implemented CI/CD pipelines with Docker, GitHub Actions, AWS CodePipeline, ECS, and ECR to automate testing, integration, and deployment processes.
- Built serverless backend services with AWS Lambda, reducing infrastructure costs by 25–40% while improving performance and scalability under variable workloads.

02/2023 – 10/2023
London, UK

AI Developer, Quadrivia (remote)
- Developed AI-powered web applications using React, Node.js, and Python; integrated OpenAI and Gemini APIs to deliver intelligent user experiences.
- Developed AI-powered health assistant platform enabling patient–clinician interaction by developing real-time chat interfaces, integrating AI models, designing secure backend services, and deploying scalable cloud infrastructure.

10/2022 – 11/2023
Botafogo, Rio de Janeiro – RJ, Brazil

Full Stack Developer, TOTVS (hybrid)
- Designed and maintained a robust testing framework using Jest and Cypress, ensuring product reliability, stability, and long-term code quality.
- Improved backend performance by roughly 30–40% through targeted database indexing and Redis caching, optimizing mission-critical business processes and reducing latency in high-load enterprise scenarios.

02/2019 – 09/2022
Centro, Rio de Janeiro – RJ, Brazil

Frontend Developer, Parafernália Interativa (on-site)
- Engineered Server-Side Rendering (SSR) and dynamic routing with React.js to deliver faster load times, smoother navigation, and stronger SEO performance.
- Transformed Figma and PSD mockups into scalable, responsive React components, improving front-end efficiency and enhancing the overall user experience.
- Applied advanced responsive design and optimization techniques, creating seamless interfaces across all screen sizes and devices.

Skills

Frontend:
TypeScript, React, Next, Vite, Tailwind CSS, HTML5, CSS3

Backend:
Node.js, Express.js, NestJS, Python, Django, FastAPI, Flask(Jinja2), Clerk(Authentication)

Database &Cloud:
MySQL, PostgreSQL, SQLite, MongoDB, Firebase, Redis, AWS

DevOps &Testing:
Jest, Cypress, GitHub Actions, CI/CD, AWS Code Pipeline

AI & Integrations:
OpenAI, Gemini, LLMs, RESTful APIs, Serverless Architecture

Other:
Chrome Extension, Web Scraping, Data Analysis, Shopify, Photoshop

Education

03/2015 – 12/2018   **Bachelor of Computer Science,** Federal University of Pampa