EMANUEL DE AGUIAR

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SENIOR SOFTWARE ENGINEER

I've been working as a software engineer for more than 12 years. Started my carrier with HTML, CSS, PHP and Laravel, and 2 years later, I mainly worked with JS/TS, Python and modern JS frameworks like React, Angular, Vue.js on the frontend and Node, Django on the backend. Mainly worked with Nosql database, Have a lot of experience with AWS like Lambda, EC2, DynamoBD. Writing clean, scalable, reusable code, excellent communication skills, strong problem solving skills are my greatest strengths.

STRENGTHS AND EXPERTISE

- **Frontend:** JavaScript, TypeScript, React, Next.js, Angular.js, Vue.js, MUI, Tailwind CSS, BootStrap, Three.js, WebGL, React Native
- **Backend:** Python, Django, PHP, Laravel, Node.js, Express.js, Nest.js, RabbitMQ, Redis, Docker, Kubernetes, Java
- **Database:** MySQL, PostgreSQL, MongoDB, FireStore
- **Test:** Jest, React testing library, Cypress, Mocha
- **Could Platforms:** AWS, GCP, Microsoft Azure
- **DevOps Tools:** Jenkins, Github Actions, Terraform

PROFESSIONAL EXPERIENCE

Dandy   **February 2023 - August 2024**
Senior Software Engineer

- Worked as a senior full stack developer with TS, React and React Native on the frontend, Nest.js on the backend.
- Built reusable, maintainable and modular UI components in React for web app and React Native for mobile apps.
- Ensured that the mobile apps developed with React Native function smoothly across both IOS and Android platforms.
- Optimized the performance of the app by minimizing load times, reduced bundle sizes.
- Integrated frontend components with backend services using GraphQL.
- Deployed to AWS, used Lambda for serverless architecture, Redis for caching.
- Worked within a Scrum, Agile methodologies

Keeper Memorials   **August 2019 - December 2022**
Full Stack Engineer

- Worked as a full stack developer, JS/TS and Next.js on the frontend, Python, Django on the backend.
- Developed UI using Next.js and TS, ensuring a seamless UX, applications are fully responsive and work across all devices.
- Optimize frontend code to improve load times and performance.
- Designed and developed GraphQL APIs to enable communication between the frontend and backend.
- Worked with PostgreSQL and Firebase to design schemas, write queries and managed data.
- Implemented secure authentication and authorization systems.

Hologram Labs   **January 2017 - Jun 2019**
Full Stack Developer

- Worked as a frontend developer, JS/TS and React/Nextjs on the frontend.
- Developed UI using Nextjs and TS, ensuring a seamless UX, applications are fully responsive and work across all devices.
- Optimize frontend code to improve load times and performance.
- Designed and developed GraphQL APIs to enable communication between the frontend and backend.
- Worked within a Scrum, Agile methodology, focusing on iterative development, collaboration with cross-functional teams, and continuous improvement to ensure timely delivery of features and high-quality software

BloomBoard   **February 2015 - December 2016**
Frontend Developer

- Designed and Built reusable React components to create a dynamic and interactive user interface.
- Implemented responsive designs to ensure a seamless experience across various devices and screen sizes.
- Used state management libraries such as Redux and Context API to manage application state effectively.
- Optimized React application performance by implementing techniques like lazy loading, code splitting and memorization.
- Wrote unit and integration tests for React components using testing libraries such as Jest and React testing library.

Azul   **September 2012 - December 2014**
Junior Software Developer

- Collaborated with a team of developers to create and maintain the frontend of a digital freight marketplace.
- Participated in code reviews and collaborated with cross-functional teams to deliver high quality software solutions.
- Engaged in troubleshooting and debugging efforts to resolve frontend issues and optimize user experience.
- Conducted research on emerging technologies and industry trends to inform development decisions and improve project outcomes.
- Actively participated in team meetings and discussions to brainstorm ideas and problem-solve challenges encountered during development.

Freelancer Site   **February 2011 - July 2012**
Freelance Developer

- Worked on Freelancer site as a junior software engineer with C++ and PHP.
- Built efficient and scalable applications.
- Learned new technologies, programming languages and frameworks like PHP and Laravel, WordPress.
- Experienced hands-on coding while building the small features and components

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EDUCATION

Federal University of Goiás   **October 2006 - October 2010**
Bachelor of Computer Science