

Erik Henrique Alves Cunha

Frontend Engineer | Angular, React, Next | Golang, Node

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Summary

I'm a dynamic Front-End Engineer with over 6 years of expertise in developing and optimizing web applications. I am skilled in Angular, React, Next, TypeScript, and JavaScript, focusing on enhancing performance, code quality, and user experience. I have a background in accessibility (WCGA), responsive design, and efficient deployment practices.

I am pursuing advanced skills in Golang through a Postgraduate program at Full Cycle. I hold a Bachelor's in Information Systems. I am proficient in English, with a B2 overall IELTS score, and have basic proficiency in French.

Soft skills

Collaborative teamwork, strategic problem-solving, clear communication, explorer.

Professional Experience

Frontend Engineer	Canon Medical Systems Brazil	Remote	04/2023 – Current
<ul style="list-style-type: none">- Led the development and integration with RestFul APIs of scalable components using Angular, TypeScript, JavaScript, HTML, CSS, SASS, JWT, PrimeNG, PrimeFlex, Chart.js, Bryntum, Git, Nx, and NgRx, enhancing application functionality and performance.- Collaborated closely with UX/UI teams to translate complex design specifications into responsive, user-friendly interfaces, utilizing PrimeNG and Chart.js for dynamic data visualization.- Revitalized legacy codebases by implementing Clean Architecture principles and best practices like DRY and Design Patterns.- Enhanced application speed and responsiveness, contributing to a 25% reduction in loading times.			
Frontend Engineer	Grupo SBF	São Paulo, Brazil	12/2021 – 04/2023
<ul style="list-style-type: none">- Architected and deployed dynamic UI components with RestFul APIs using Next.js, React.js, TypeScript, JavaScript, HTML, JSX, CSS, styled-components, Git Flow, and Nx.- Facilitated cross-functional collaboration by leading technical meetings in English with international third-party service providers.- Elevated code quality by implementing rigorous testing frameworks using Jest, React Testing Library, and MSW, maintaining 70% test coverage.- Utilized deployment pipelines with GitHub Actions shipping to Akamai CDN.- Led accessibility initiatives, ensuring compliance with WCAG standards.- Improved web core vitals metrics and Lighthouse, resulting in better Google Search rankings and 32% improvement in loading time using Calibre to keep track of reports as an observability tool.- Optimized conversion rates by conducting A/B testing with Google Optimize 360 and tracking events with Google Analytics resulting in +10% increase in sales conversion rates.			
Frontend Engineer	Encora Inc. (Daitan Group)	Campinas, São Paulo	01/2021 – 12/2021
<ul style="list-style-type: none">- Engineered key application components with RestFul APIs using Angular, TypeScript, JavaScript, HTML, CSS, SASS (RsCSS), and NgRx, ensuring efficient data management and user interaction tracking events with Amplitude.- Strengthened software reliability by developing comprehensive unit tests with Jest, Karma, and Jasmine, reducing bugs in production by 20%.- Advanced accessibility features, ensuring full compliance with WCAG standards, enhancing the user experience for an Edtech/E-Learning platform for VMWare customers.- Participated in English-speaking meetings, contributing to successful project outcomes across different time zones.- Utilized deployment workflows with AWS CodePipeline, CodeBuild, and CloudFront CDN, improving deployment efficiency and reducing downtime.			

Frontend Engineer	Zup Innovation (Itaú bank)	Campinas, Brazil	04/2020 – 12/2020
<ul style="list-style-type: none"> - Implemented UI components using Angular, TypeScript, JavaScript, HTML, CSS, and SASS (RsCSS), ensuring smooth integration with RESTful API services. - Improved application stability by developing and executing unit tests with Karma and Jasmine, reducing error rates by 15%. - Utilized continuous deployment processes using AWS CodePipeline, CodeBuild, and CloudFront CDN, improving deployment speed and reliability. - Partnered with UX/UI teams to refine and enhance the user experience, aligning product development with strategic goals. 			
Full Stack Developer (MEAN Stack)	Venturus	Campinas, São Paulo	02/2019 – 04/2020
<ul style="list-style-type: none"> - Developed and optimized frontend components using Angular, TypeScript, JavaScript, HTML, CSS, SASS, Bootstrap, and Material, while also creating backend services with Node.js, PostgreSQL, MongoDB, and Docker. - Reduced query times from 40 seconds to less than 1 second by migrating and optimizing data from MongoDB to PostgreSQL, significantly improving system performance. - Revamped legacy code to improve system stability, resolved critical bugs, and enhanced maintainability using Sentry for error monitoring. - Collaborated with UX/UI teams to deliver responsive and adaptive user interfaces, ensuring seamless cross-device functionality. 			
Full Stack Developer	MB Labs	Campinas, São Paulo	06/2018 – 02/2019
<ul style="list-style-type: none"> - Engineered cross-platform applications using Ionic, Angular, TypeScript, JavaScript, HTML, CSS, SASS, Git, Cordova, and Electron.js, integrating them with RESTful API services for seamless functionality across devices for kids Edtech/E-Learning. - Implemented backend services using Node.js, Microsoft SQL Server, and Firebase Push Notifications, using New Relic to ensure reliable solutions with error monitoring. - Configured AWS RDS and EC2 with Nginx to deploy a Node.js backend monolith and a frontend using Angular, ensuring robust and scalable deployments. - Worked closely with UX/UI teams to deliver intuitive and responsive user interfaces, enhancing user satisfaction and engagement. 			

Education

Postgraduate Go Expert	Full Cycle	Remote	08/2024 – 02/2025
<ul style="list-style-type: none"> - Learning about the Go programming language in a practical and in-depth way, including its best practices and real-world applications 			
Web Development Specialist Co-op Diploma	Cornerstone International Community College of Canada (CICCC)	Vancouver, Canada	08/2023 – 02/2024
<ul style="list-style-type: none"> - Web Development using HTML, CSS, JavaScript, Git, React.js, and Node.js 			
Bachelor of Information Systems	Centro Universitário Salesiano de São Paulo (UNISAL)	Campinas, São Paulo	01/2015 – 06/2020
<ul style="list-style-type: none"> - Major in Computer Science, minor in Business Administration 			

Certifications

- **Verified International Academic Qualifications** – Issued by World Education Services (WES) on 2022-12-01
- **IELTS Band 6.5 (B2) Score in General Training:** C2 level for Speaking and Listening – issued by IELTS Official on 2023-02-01

Languages

- **Portuguese (Brazilian)** - Native
- **English** - Advanced
- **French** - Basic proficiency

Projects & Showcase

- **[Nike Stores Finder](#):** This web app consumes Google Maps Geolocation and Directions APIs to find nearby Nike stores in Toronto, ON

Volunteering

- **DevOps Day Campinas:** Support in organizing the 2024 edition of DevOps Day in Campinas, São Paulo.