

# JULIO NUNEZ

## SOFTWARE ENGINEER

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## TECHNICAL SKILLS

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• React • JavaScript • TypeScript • Redux • Next.js • TailwindCSS • Node.js • Nest.js • TypeORM •  
• MySQL • PostgreSQL • AWS RDS • AWS S3 • Docker • GraphQL • Express.js • Socket.IO • Husky •  
• Webpack • Rollup • Vite • Jest • Mocha • Enzyme • Testing Library • Pytest • HTML5 • CSS • Python •  
• Pydantic • Gatsby.js • Framer-Motion • Bootstrap • Git • Bash • Postman • Figma • Jira • Contentful CMS •

## WORK EXPERIENCE

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### Datobot (Full-time) | CTO & Senior Software Engineer

February 2019 - Present

- ❖ Spearheaded the development and integration of DoublePlay, a cutting-edge React/Redux application with Contentful CMS and GraphQL, facilitating streamlined insurance sales and quoting processes, leading to a significant client acquisition and the role offering as CTO.
- ❖ Engineered and deployed Febres.app, a comprehensive project where I led the database sanitation and migration to AWS RDS, developed a dynamic Next.js/TypeScript frontend, and architected a robust Nest.js/TypeORM backend, incorporating AWS S3 for efficient file storage, Socket.io for real-time notifications, and JWT for secure authentication.
- ❖ Developed Autofills+, a robust Chrome extension designed to automate form filling on supported websites, leveraging AES 256-bit encryption for data security and Redux Persist for state management, significantly reducing time spent on applications for insurance agents.
- ❖ Directed a dynamic team of 5-6 developers, leading multiple high-impact projects, demonstrating strong technical guidance, ensuring the delivery of scalable and efficient solutions tailored to client needs.

### AlliedWorld (Contract) | Software Engineer (Full-stack)

May 2018 - Jan 2019

- ❖ Innovated a versatile web form platform enabling users to design and generate custom forms via a JSON-driven configuration, incorporating semantic versioning to create a standalone product optimized for commercial use.
- ❖ Enhanced platform functionality with a robust Python backend, leveraging FastAPI, Chalice, and Pydantic for stringent form field validation, ensuring adaptability across diverse form categories through precise type verification and data handling.
- ❖ Facilitated dynamic form generation for non-technical users, streamlining the process of creating various reports for insurance agents, significantly reducing manual coding requirements and improving operational efficiency for AlliedWorld.

### Assure For Life (Freelance) | Jr. Software Engineer

Aug 2017 - May 2018

- ❖ Engineered a pioneering web platform that empowered insurance agencies to offer their own insurance products and automate commission payments to agents within a hierarchical structure. This innovative system supported the creation of sub-agencies, each capable of further establishing direct agents or additional sub-agencies, thus facilitating scalable business growth.
- ❖ Designed and implemented a dual-interface system using React, TypeScript, and Next.js, delivering a tailored dashboard experience for agencies to manage their offerings and for agents to record and track sold policies, enhancing operational efficiency and user satisfaction.
- ❖ Developed the backend architecture with Express.js, integrating a MySQL database to manage complex hierarchical data and transactions securely, ensuring accurate commission tracking and payouts.
- ❖ Applied best practices in full-stack development to ensure a seamless, intuitive user experience, while maintaining high standards of security and data integrity, significantly boosting the platform's adoption and user engagement.
- ❖ Collaborated with cross-functional teams to gather requirements, iterate on feedback, and deliver a flexible, feature-rich platform that addresses the specific needs of insurance agencies and their agents, driving digital transformation in the insurance distribution process.