

# EDWAR GOMEZ

## SENIOR FULL STACK DEVELOPER

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Prolific, professional, full stack developer with a passion for metrics and also an enthusiastic and creative technologies with hands-on skills in React, Next.js, Node, Express and Python. A communicative, strong team player and an independent team member who enables processes, investigates, and provides solutions for various tasks.

## PROFESSIONAL EXPERIENCE

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### RootStack

02.2022 – 12.2024

#### Full Stack Engineer

**Plata3B.com** – Online jewelry ecommerce platform specializing in handcrafted sterling silver pieces. Offers a diverse range of products, including rings, necklaces, bracelets, earrings, bangles, anklets, and stone necklaces.

- Spearheaded the redesign of the client portal, improving user experience and increasing customer satisfaction by 35%, while implementing front-end functionalities using React.js, Redux, Redux-Thunk, Shopify, and Next.js.
- Developed scalable and efficient back-end solutions using Node.js and GraphQL with MongoDB and MySQL, optimizing query execution time by 30% with TypeORM, and implemented Microservices architecture on AWS Elastic Container Service (ECS) with RabbitMQ for enhanced scalability.
- Integrated a Chatbot feature into an e-commerce platform using Machine Learning, Deep Learning, and NLP, leveraging AWS services such as API Gateway, Lambda, S3, and DynamoDB for a serverless architecture.
- Leveraged AWS Cloud infrastructure for scalable application deployment, implementing centralized monitoring with AWS CloudWatch, and reducing site navigability issues by 30% through front-end and back-end optimizations.
- Established and maintained CI/CD pipelines using GitHub Actions, contributing to a 22% reduction in go-to-market time for new features, while optimizing testing workflows with Jest for unit tests and Cypress for E2E tests.
- Collaborated closely with a cross-functional team in an Agile environment, utilizing Scrum methodology throughout the software development life cycle, assisted in mentoring junior developers, conducting code reviews.

**Used languages and technologies:** React.js, Redux, Next.js, MaterialUI, Shopify, Cypress, Jest, Node.js, Express, GraphQL, MongoDB, MySQL, TypeORM, AWS Amplify, AWS Lambda, AWS AppSync, AWS API Gateway, AWS EC2, AWS S3, AWS CloudFormation, AWS CloudWatch, RabbitMQ, AI, Machine Learning, Depth Learning, Git Bash, Figma

### Lean Tech

03.2018 – 11.2021

#### Senior Software Engineer

**Hello Talk** - Online Language tutor platform where you can connect with native speakers around the world to learn language via text, voice, video communication.

- Engineered dynamic, multi-browser compatible pages using React.js, Redux, Material-UI, and Typescript, enhancing user interaction by 50%, and integrated i18next for multilingual support.
- Developed and optimized high-performance, scalable server-side applications using Node.js, boosting server efficiency by 50%, while fine-tuning queries to improve database performance.
- Implemented RESTful APIs and Microservices architecture with Node.js and Nest, reducing data redundancy by 60% and improving system efficiency using GraphQL, while leveraging Strapi for content management and Formik for form handling.
- Increased application processing speed by 70% by optimizing Node.js application flows, fine-tuning queries, and improving database architectures with AWS RDS (PostgreSQL). Utilized AWS SQS for inter-service communication between Microservices.
- Managed SharePoint permissions across 100+ client applications, ensuring secure access and compliance with organizational policies.
- Spearheaded performance enhancements by integrating Docker containerization, reducing deployment times by 50%, and incorporated end-to-end encryption for sensitive communications to ensure data protection.

**Used languages and technologies:** React.js, Redux, Next.js, Jasmine, Node.js, Nest, MongoDB, RESTful API, TypeORM, PostgreSQL, GraphQL, AWS, Docker, SharePoint

**Senior Web Developer**

- Championed responsive design principles and front-end optimizations with React, Redux and Chakra UI, resulting in a 40% improvement in mobile user retention with media query and a 30% increase in overall user engagement.
- Architected a Microservices architecture using Node.js and Kafka, deployed on EC2 in TDD environment, reducing deployment times by 50% and improving server efficiency by 50%, while supporting 100K+ concurrent users.
- Developed RESTful APIs with Express.js and Swagger, reducing server response time by 40%, while integrating third-party services such as GoodRx, Stripe, Google Maps, and Twilio, which expanded service offerings by 50%.
- Pioneered a real-time communication system using WebSockets and Ably, reducing latency by 25% and Implemented real-time notifications using AWS SNS and Lambda, improving application responsiveness.
- Optimized database queries and interactions with MySQL, reducing database load by 40%, and implemented proper indexing, contributing to a 15% improvement in data retrieval performance.
- Containerized these Microservices using Docker, resulting in improved deployment and scalability, and orchestrated using Kubernetes and Helm, streamlining container management and resource allocation.

**Used languages and technologies:** React.js, Redux, Storybook, Next.js, Formik, Strapi, Webpack, Kafka, Node, Express, GraphQL, MySQL, Swagger, Ably, WebSocket, AWS, Docker, Kubernetes, Helm

**Web Developer**

- Spearheaded the creation of a robust web platform SPA tailored for the financial sector using React, Redux, WordPress, Shopify and Laravel, driving a notable 30% surge in user interaction and improving performance.
- Optimized backend API using Node.js and Express.js (refactoring PHP, Laravel code base), contributing to a 40% decrease in server response time and improving overall system performance.
- Reduced code complexity by 40% through strict clean code and SOLID principles, particularly when refactoring legacy codebases to modern ES6/ES7 standards, reducing post-deployment bugs by 30%.
- Optimized website load time by 35% using frontend optimization techniques such as code minification, image optimization, and CSS sprites, and improve SEO ranking, making it to the top 5 Google search results.
- Formulated and applied rigorous testing protocols using Jest and Cypress, reducing post-launch bug reports by 75% and ensuring high-quality releases, implemented CI/CD pipeline and version control using Git.

**Used languages and technologies:** React.js, Redux, CMS, WordPress, REST API, Node.js, Express, PHP, Laravel, Jest, Cypress

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**EDUCATION****Education**

Universidad Católica de Pereira

04.2007 – 09.2012

**Bachelor of Computer Science**

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**SKILLS**

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Languages:	JavaScript(ES6), Typescript, Python, C++, HTML/HTML5, CSS/CSS3, XML, PHP
Frameworks and Libraries:	React.js, Angular, Next.js, Gatsby, Node.js, Express, React Native, Redux, RxJs, REST API, GraphQL, Ably, Laravel, Tailwind CSS, RabbitMQ, Kafka, TypeORM, Shopify, WordPress
DBMS	MySQL, MongoDB, AWS DynamoDB, AWS RDS, MS SQL, PostgreSQL, Azure SQL Database
IDEs and Tools:	Visual Studio Code, Terraform, Docker, Kubernetes, Jenkins, Cypress, Jest, Jasmine, Redux DevTools, Babel, Webpack, Storybook, Azure DevOps, IIS, Git Bash, PowerShell
Cloud Services:	AWS Cloud Services, Microsoft Azure, GCP
Other skills:	Problem Solving, Full Stack Development, Critical Thinking, Leadership, Algorithm Design, Team-Oriented, SOLID, Agile (Scrum), Microservices, Test-Driven Development (TDD), Diagnosing, Business Analysts