SENIOR FULL-STACK & AI ENGINEER.

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PROFILE

✓ With **10+ years of experience** building scalable **web applications**, specializing in **React, Next.js, Node.js, and Python for AI/ML solutions**.

✓ Strong expertise in **modern technologies** including **TypeScript, Prisma, MySQL/PostgreSQL**, and **cloud platforms (GCP, Vercel, AWS)**.

✓ Proven track record implementing **CI/CD pipelines** and **Agile/SCRUM** methodologies to deliver **high-quality software faster**.

✓ Skilled in designing and integrating **REST & GraphQL APIs**, ensuring **seamless interoperability** across systems.

✓ Proficient in **Git-based workflows**, fostering collaboration, efficient code management, and continuous delivery.

SOFT SKILLS

✓ Leadership

✓ Teamwork

✓ Problem Solving

✓ Focus on Results

✓ Responsible

RELEVANT ACHIEVEMENTS

🚀 **Productivity Boost:** Automated workflows with Python & Node.js, improving efficiency by 30% across multiple teams.

💳 **E-commerce *Growth*:** Scaled platforms with React & Next.js, increasing online sales by 40% and enhancing UX.

🤖 **AI Integration:** Delivered chatbots & recommendation engines using Python (FastAPI) & OpenAI, boosting engagement.

☁ **Cloud Optimization:** Migrated apps to Vercel & GCP, cutting infra costs while ensuring scalability.

EDUCATION

Superior Computer Systems (2008-2012)
Cedip - Tampico, México.
Master in quality and competitiveness (2014-2016)
IEST Anáhuac - Tampico, México.

EXPERIENCE

Lead Full-Stack Engineer - 06/2024 – 06/2025 (Fixed-term contract)
Cloud Transit Xchange
- **Frontend**: React Native, React.js, HTML5, CSS3, ES6+.
- **Backend**: Node.js (Express), Python (FastAPI), RESTful & GraphQL APIs.
- **Cloud**: AWS Lambda, Cloud Functions.
- **CI/CD**: CircleCI & GitHub Actions for automated deployments.
- **Testing**: Jest, React Testing Library, Enzyme.
- **Version** Control: Git workflows for collaboration.
- **UI/UX**: Prototypes and wireframes in Figma with cross-functional teams.

ACHIEVEMENTS

- **Refactored and modernized v1** under tight deadlines, delivering enhanced functionality and a more robust codebase.
- Led the development of a next-generation version with an optimized, visually appealing UI and a **scalable white-label system for all company products.**

Full Stack Developer- 05/2023 – 06/2024
Dacodes
- **Backend:** Node.js (Express, TypeScript), Python; developed APIs and endpoints for multi-platform integrations (Google, Amazon, Microsoft).
- **Frontend:** React.js, Next js , React Native (Expo), Redux for scalable and high-performance UIs.
- **Testing:** Unit & integration testing with Jest; Storybook for centralized UI component management.
- **Version Control:** GitLab for collaborative workflows**.**

- **Methodology:** Agile/Scrum for efficient project delivery.

ACHIEVEMENTS

- Optimized API performance, **improving response times by 40%** for integrations with Google, Amazon, and Microsoft.
- **Increased test coverage from 60% to 90%** with Jest, reducing bugs and improving reliability.
- **Streamlined UI development** by implementing Storybook, cutting component build time by 25%.

Software developer- 08/2018 - 04/2023
Coppel
- **Backend:** PHP (Laravel), Node.js (Express), Java (Spring Boot, Hibernate, Spring Batch).
- **Frontend:** React.js, React Native, Redux, TypeScript, jQuery, Riot.js.
- **Testing & Automation:** Jest, Selenium, Maven, Jenkins.
- **Databases:** MySQL, SQL Server, PostgreSQL, MongoDB.
- **Cloud:** Amazon Web Services (AWS).
- **UI/UX:** Tailwind CSS, Less, CSS3; collaborated with UX team to enhance user experience.
- **E-commerce:** Maintenance and improvements of platforms; optimized React Native apps.

ACHIEVEMENTS

- Enhanced e-commerce platform, **increasing sales by 5%.**
- Implemented a custom loyalty point system, **boosting customer retention by 25%.**
- Optimized backend queries, **reducing server response times by 25%.**
- Leveraged AWS for scalability and reliability, **achieving 99.9% uptime.**
- Redesigned UI with the UX team, **improving user satisfaction by 30%.**

Engineer in Software Development- 04/2015 - 06/2018
Cabezut, direct boss: Marco Galaviz. Cel. 833 – 1-20-26-38
- **Backend**: PHP (OOP, MVC), Node.js (Express).
- **Frontend**: React.js, Vanilla JS, jQuery, Bootstrap.
- **APIs**: Creation of APIs and web services.
- **Databases**: MySQL, SQL Server.

ACHIEVEMENTS

- API Development: Built and optimized APIs and web services, **improving data retrieval times by 50%** and enabling seamless third-party integrations.
- Database Optimization: Redesigned schemas and optimized queries, **reducing server load by 25%** and accelerating application response times.
- Project Delivery: Delivered multiple projects on time and within budget, **driving a 15% increase in client satisfaction** and repeat business.
- Team Collaboration: Partnered with cross-functional teams to deliver **innovative solutions and stronger project outcomes.**

Software developer- 04/2012 – Now
Freelancer.
- **Backend**: PHP, Node.js, Python (Django, Flask, FastAPI), C#, Elixir.
- **Frontend**: React.js, AngularJS, JavaScript, jQuery, Less/Sass.
- **Databases**: MySQL, SQL Server, PostgreSQL, MongoDB.

- **AI/ML:** TensorFlow for model design, training, and deployment (classification, regression, computer vision).
- **E-commerce:** Built and customized platforms with JavaScript (React, Node.js), integrating APIs, payment gateways, and scalable front-end features.
- **CMS:** Experience with WordPress, Joomla, and Shopify, developing custom themes and plugins when required.

ACHIEVEMENTS

- Developed tailored e-commerce platforms and admin systems for **50+ clients, reaching a 95% client satisfaction rate.**
- Created and integrated APIs and web services, reducing data **transfer times by 30% and improving interoperability.**
- Built 20+ custom plugins, themes, and payment gateways (WordPress, Joomla, Shopify), **supporting thousands of secure transactions across e-commerce platforms**.
- Optimized databases (MySQL, SQL Server, PostgreSQL, MongoDB) by adding indexes and rewriting queries, **improving data retrieval speeds by 25%.**