

Octavio Roberto Paredes González

Full Stack Developer | React Js & React Native Specialist | AI Engineering Enthusiast

📍 Monterrey, Mexico ✉ octavioroberto@hotmail.com

Languages: Native (Spanish), Professional Proficiency (English)

Professional Summary

Full Stack Developer with 8+ years of experience building scalable, high-performance applications across web and backend platforms. Proficient in JavaScript, TypeScript, React.js, Next.js, NestJS, and Node.js, with strong expertise in REST/GraphQL APIs, event-driven architectures, and microservices. Skilled in designing robust database solutions (PostgreSQL, MySQL, MongoDB, Supabase) and deploying applications using Docker, AWS, and CI/CD pipelines. Experienced in Agile/Scrum environments, contributing as both developer and Scrum Master, gathering requirements, drafting user stories, and leading end-to-end feature delivery. Additionally, has implemented AI-assisted solutions such as RAG pipelines, MCP servers, OpenAI integrations, and process automation with n8n, enhancing developer productivity and product scalability. Passionate about delivering modern, efficient, and maintainable full-stack solutions that bridge business needs with technical excellence.

Technical Expertise

FRONTEND WEB

FRAMEWORKS

React.js (TypeScript), Next.js, Astro.js

STYLING

Tailwind CSS, Styled-Components, CSS

STATE & AUTH

Redux, Redux Toolkit, Auth0, Supabase

BACKEND APIS

LANGUAGES & FRAMEWORKS

JavaScript, TypeScript, NestJS, Express.js

API DESIGN & PATTERNS

REST APIs, GraphQL APIs, Event-driven programming, Microservices

REAL-TIME & ORM

WebSockets, Socket.IO, TypeORM, Prisma

REACT NATIVE

TOOLS & PLATFORMS

Expo, React Native CLI

CAPABILITIES

- Push Notifications
- Geolocation & Maps
- Camera & Sensors
- Biometric Auth
- Offline Storage

DEPLOYMENTS

Google Play Store, Apple App Store, OTA Updates

DATABASES

DATABASE SYSTEMS

PostgreSQL, MySQL, MongoDB, Supabase

ORM & TOOLS

TypeORM, Prisma

CLOUD & DEVOPS

AWS SERVICES

EC2, S3, RDS, Route53, CloudFront, Load Balancers

CI/CD PIPELINES

Jenkins, GitHub Actions, Bitbucket Pipelines, AWS CodeBuild

CONTAINERS

Docker, AWS EC2

AI & TOOLS

AI-DRIVEN DEVELOPMENT

- **RAG Pipelines:** Retrieval-Augmented Generation architectures
- **MCP Servers:** Model Context Protocol implementation
- **AI Agents:** CrewAI & custom workflow automation
- **OpenAI Integration:** Custom API implementations
- **Process Automation:** n8n workflow orchestration

DEVELOPMENT TOOLS

Claude, Windsurf, Cursor, Keystone, Storyblok

Professional Experience

Full Stack Developer

Jun 2020 – Present

Parallel Staff • Remote

- Built and scaled React Native & React.js apps with TypeScript and Redux Toolkit
- Developed NestJS APIs with Prisma/TypeORM supporting PostgreSQL and MongoDB
- Automated builds/deployments with GitHub Actions + AWS (EC2, Docker, S3)
- Designed apps with push notifications, geolocation tracking, and sensor/camera integrations
- Deployed apps to Google Play and App Store

- Collaborated in Scrum environments, acted as Scrum Master in specific projects
- Leveraged AI-driven workflows (CrewAI, RAG, MCP servers, n8n)

Frontend Developer

Jun 2019 – Jun 2020

[AutoZone México • Mexico City, MX](#)

- Enhanced the e-commerce platform with React.js and Next.js
- Developed responsive UIs with Tailwind CSS and Styled-Components
- Improved frontend performance and user experience

Backend Developer

Jun 2018 – Jun 2019

[Accenture • Mexico City, MX](#)

- Built serverless microservices with Node.js, AWS Lambda, and API Gateway
- Implemented enterprise-grade RESTful services and automation pipelines
- Used Jenkins and AWS for deployment automation

Software Developer Intern

Dec 2017 – Jun 2018

[John Deere • Mexico City, MX](#)

- Supported backend feature development in enterprise systems
- Assisted in QA and testing of backend services

Software Developer

Dec 2017 – Dec 2018

[Luk Schaeffler \(Automotive\) • Mexico](#)

- Implemented a material tracking system using microcontrollers
- Developed a React.js GUI with WebSockets to visualize real-time positions of materials
- Collaborated with manufacturing/operations teams to deploy on the production floor

Education

B.S. in Digital Systems and Robotics

Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM), Puebla Campus

Graduated: Dec 2017