

Oscar Pastrana

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Electronic Engineer and Software Developer.

- Over 5 years of experience in Full Stack web development using JavaScript, TypeScript, Node.js, PHP, and Java, including libraries such as React, Router, and Redux, and frameworks like Vue.js, Remix, and Spring Boot. Proficient in version control systems and relational databases like MySQL, as well as non-relational databases such as Redis and DynamoDB, and cloud services with AWS.
- More than 2 years of experience leading teams across various industries and projects with a collaborative and agile approach.
- Expertise in design patterns with a focus on micro-frontend and microservices architectures, object-oriented programming, and adherence to SOLID, DRY, and YAGNI principles.
- Knowledge of React Native, Python, and serverless infrastructure using AWS.
- Strong communication skills, leadership, mentoring abilities, and a growth mindset.

EXPERIENCE

Sophos Solutions GFT

Solutions Consultant

Remote, Colombia

Nov 2022 – Present

- Develop functionalities for a banking web portal using React and TypeScript within a micro-frontend architecture, focusing on delivering a modern and agile user experience while prioritizing performance and reusability.
- Build RESTful backend services following microservice-based design patterns with Node.js and Java, implementing scalable and secure development strategies based on OOP and SOLID principles.
- Lead and support the definition of cloud-based solution designs, emphasizing quality attributes in architecture.
- Collaborate with design and UX teams to ensure an intuitive and visually appealing user experience on the platform.
- Work closely with product and business teams to understand requirements and deliver solutions that meet the bank's needs.
- Tools and technologies: React, Node.js, TypeScript, AWS, Microfrontends, SQL, Redis, DynamoDB, SonarCloud, GitHub, Java, and Spring Boot.

Konecta Colombia

Software Development Analyst

Remote, Colombia

Oct 2021 – Nov 2022

- Lead and define technical requirements, establishing project methodologies and structures to ensure a solid foundation.
- Develop reusable frontend components using React.js for CRM portals tailored to financial institutions.
- Design and implement scalable and secure RESTful APIs with backend services in PHP and Node.js.
- Analyze user stories, information requirements, and functional requirements to ensure project alignment.
- Manage project repositories, conduct code reviews, oversee deployments, and define infrastructure requirements.
- Tools and technologies: React.js, Node.js, PHP, SQL, SonarCloud, BitBucket.

GreenHome Ing

Projects Engineer

Montería, Colombia

Sep 2020 – Oct 2021

- Develop cross-platform applications for B2B services using JavaScript, Node.js, PHP, MySQL databases, and frameworks such as Vue.js and React.js.
- Define, plan, execute, and monitor engineering projects to ensure successful delivery.
- Lead project and process management initiatives, fostering efficiency and alignment with business goals.
- Tools and technologies: React.js, React Native, PHP, Vue.js, Node.js.

EDUCATION

UNIVERSIDAD PONTIFICIA BOLIVARIANA

Electronic Engineer

Honors: Best Saber Pro 2017, Faculty of Electronic Engineering

Montería, Colombia

May 2018

CERTIFICATIONS AND COURSES

- Professional JavaScript Course - Platzi
- React.js Course - Platzi
- Fundamentals of Software Architecture - Platzi
- EF SET English Certificate 76/100 (C2 Proficient) - EF Standard English Test (EFSET)
- Backend with Node.js Course - Platzi
- TypeScript: Object-Oriented Programming and Asynchrony Course - Platzi
- Java with Spring Boot Course - Platzi
- Introduction to AWS: Cloud Computing Fundamentals Course - Platzi
- Unit Testing with Jest in React Course - Platzi
- React Native: Handling Lists and API Consumption Course - Platzi