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Top Skills

Next.js

GraphQL

TypeScript

Fabian Marin

Senior Software Engineer at Growth Acceleration Partners
Medellín, Antioquia, Colombia

Summary

Experienced Senior Full-Stack Developer with over 18 years of software development experience.

Expertise lies in web frameworks such as ReactJS, GraphQL, and ExpressJS (Node.js), along with proficiency in PostgreSQL for database management.

Passionate about delivering high-quality solutions and continuously exploring emerging technologies to drive innovation and excellence in projects.

Experience

Growth Acceleration Partners

Senior Software Engineer

November 2019 - Present (4 years 7 months)

Lead the successful migration of a project from Ember.js to React, streamlining the user interface and enhancing overall performance.

Develop a user-friendly platform for members on NextJS to access scholarships, facilitating efficient scholarship management and application processes.

Utilize React framework extensively, employing modern techniques such as functional components, hooks, and custom hooks for enhanced development efficiency and code maintainability.

Implement internationalization (i18n) features to support multiple languages within the platform, ensuring accessibility for a diverse user base.

Engineer a robust state management system leveraging React's Context API and useReducer hook, providing centralized control and efficient data flow throughout the application.

Configure and optimize webpack for bundling assets and managing project dependencies, enhancing performance and reducing load times.

Orchestrate continuous deployment workflows using GitHub Actions, automating the deployment process to Heroku for seamless updates and releases.

Architect and developed backend services using Node.js with Express framework, employing Sequelize ORM for efficient database interactions and PostgreSQL for data storage.

Execute a comprehensive migration from Apache Solr to PostgreSQL, leveraging PostgreSQL's robust capabilities for full-text search and data management.

Integrate Amazon S3 buckets for secure and scalable file storage, enabling efficient management and retrieval of documents and media assets within the application ecosystem.

Skilled in technical interviewing, leveraging insights from extensive experience to assess candidates effectively.

Lead the Node Center of Excellence.

Fenix Cloud

Technical Lead

April 2016 - November 2019 (3 years 8 months)

Medellín

Define and architect base architectures for Warehouse Management Systems (WMS), leveraging technologies such as AngularJS for frontend development and PHP Laravel with MySQL for backend services.

Collaborate closely with stakeholders, including business leaders, project managers, and development teams, to gather requirements and define high-level specifications for WMS projects, ensuring alignment with business objectives and technical feasibility.

Conduct comprehensive analysis of business processes and workflows to identify opportunities for optimization and automation within warehouse operations, leveraging AngularJS for dynamic frontend interfaces and PHP Laravel for robust backend logic and data management.

Develop and maintained documentation of high-level requirements, architectural diagrams, and system designs, providing clarity and guidance for project teams working with AngularJS and PHP Laravel technologies.

Act as a liaison between cross-functional teams, proactively identifying and addressing blockers, risks, and dependencies to ensure smooth project execution and timely delivery across AngularJS and PHP Laravel stacks.

Provide guidance and support to project teams throughout the software development lifecycle, offering expertise in AngularJS frontend development, PHP Laravel backend development, and MySQL database management.

Facilitate collaboration and knowledge sharing among development teams, promoting best practices, architectural patterns, and standards within the AngularJS and PHP Laravel ecosystems to drive innovation and efficiency.

Conexus202

Co-Founder

December 2013 - November 2019 (6 years)

Cognox

Senior Developer

July 2015 - April 2016 (10 months)

Spearhead the design and implementation of solutions aimed at consolidating the operations and branding of three distinct brands within Línea Directa, driving synergy and alignment across the organization.

Collaborate closely with key stakeholders, including executives, department heads, and brand managers, to define strategic objectives and requirements for the brand merger initiative, ensuring alignment with business goals and customer expectations.

Develop comprehensive solution architectures and implementation plans, outlining strategies for integrating systems, harmonizing processes, and unifying branding elements across the three brands while minimizing disruption and maximizing efficiency.

Lead the development efforts to enhance a Legacy Visual Basic (VB) application, modernizing its capabilities to consume RESTful web services and integrate with external systems, leveraging industry best practices and standards.

Design and implemented reusable components and libraries within the Legacy VB application, enabling seamless integration with RESTful APIs and facilitating data exchange and interoperability with external systems.

Collaborate with backend developers and system architects to define and document REST service contracts, ensuring clear communication and adherence to API specifications and standards.

Conduct testing and validation of REST service integrations within the Legacy VB application, performing unit tests, integration tests, and end-to-end testing to verify functionality, reliability, and performance.

Provide guidance and support to cross-functional teams throughout the brand merger initiative, offering expertise in system integration, application development, and project management to overcome challenges and achieve project objectives.

It-Matica

Senior Developer

August 2011 - July 2014 (3 years)

Medellín

Contribute as a .NET Developer to the development team working on PumpStar, a cutting-edge project aimed at facilitating gas purchases using debit cards in Miami, streamlining the fueling process and enhancing customer convenience.

Leverage .NET technologies to develop robust backend systems and APIs, enabling seamless integration between PumpStar's gas pump terminals and debit card payment systems, ensuring secure and reliable transactions for users.

Participate in the design and implementation of PumpStar's architecture, ensuring scalability, performance, and compliance with industry standards and best practices, while adhering to strict security protocols to safeguard sensitive financial data.

Conduct thorough testing and debugging of PumpStar's software components, performing unit tests, integration tests, and end-to-end testing to validate functionality, reliability, and compliance with project requirements.

Engage in continuous learning and professional development to stay abreast of emerging technologies and industry trends, incorporating new tools and techniques into PumpStar's development process to enhance efficiency and maintain competitiveness.

Collaborate with Viamericas, an American company, to implement web services using Windows Communication Foundation (WCF), facilitating secure and efficient communication between disparate systems and applications.

Design and develop web service endpoints using WCF, ensuring interoperability and reliability across diverse platforms and technologies, and facilitating seamless data exchange and integration between Viamericas' financial services applications.

Work closely with Viamericas' development team to define service contracts, message formats, and communication protocols for web services, adhering to industry standards and best practices to ensure compatibility and scalability.

Cognox

Developer

August 2009 - August 2011 (2 years 1 month)

Medellín

Visual Soft S.A

Dotnet Developer

August 2008 - March 2009 (8 months)

Medellín

Igerencia S.A.S
Dotnet Developer
May 2007 - August 2008 (1 year 4 months)
Medellín

ESE Rafael Uribe Uribe
Junior Developer
June 2006 - May 2007 (1 year)
Medellín

Education

CESDE
· (2010 - 2011)

ITM
Information Technology · (2004 - 2007)