

Jesus Daniel Neira Lara

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<https://www.linkedin.com/in/jesus-daniel-neira-lara-fullstackdeveloper/>

PROFESSIONAL PROFILE

I am a multimedia engineer with specialization in Information Security and Artificial Intelligence (Advanced English) I have experience performing Backend and Frontend development for web and mobile solutions, in addition to the integration of database management, microservices architectures, SOLID principles, unit testing - automated, AI integration. I have extensive knowledge in UX/UI, Cloud Computing, SCRUM agile methodologies. I handle technologies such as JavaScript, TypeScript, Python, C#, Dart, ReactJs, Next.js, NestJS and Node.js, .NET, Firebase, Vue.js, Angular, Flutter, REST APIs, SQL and NoSQL databases (MySQL, PostgreSQL, Firebase), Postman, Git. I am characterized by my focus on improving user experience, system efficiency and being a highly goal oriented, fast learner, team player.

WORK EXPERIENCE

Inlaze Sports, Bogotá

Sep 2024 – Nov 2024

Full Stack Developer

- Develop a web application for a software development company, writing backend code using: NodeJS, Express, ExpressJS, MVC Model and MySQL; and frontend using: JavaScript, React, HTML and CSS, to automate administrative and accounting processes.
- Diagnose the current infrastructure and design new technologies for administration and streamlining of administrative processes, in addition to analyzing relational and non-relational database models using PostgreSQL and MongoDB using agile methodologies such as SCRUM.

Achievements:

- Increased the conversion rate of key products, on bookmaker betting management platforms, by optimizing the UI/UX, improving user interaction and interface efficiency.
- Reduced server response times by 20% through restructuring and optimizing the backend with NestJS, enabling a better user experience and faster performance.
- Implemented a microservices architecture that improved the scalability and modularity of the system, allowing for more efficient integration of new services..

GSD PLUS, Bogotá

May 2022 – Jun 2023

Software Engineer

- Develop and implement web and mobile applications using React Native, .NET and C# for the transportation sector, applying SOLID principles and design patterns to optimize the code structure and improve system efficiency, in addition to carrying out the technical documentation established per project and storing it in repositories using Git version control and Bitbucket hosting service.
- Create and develop new frontend components using tools such as: JavaScript, React,, HTML and CSS, creating new functionalities that enhance the product listing page, registration forms and new landing pages to improve user experience.
- Review and restructure the front-end code and design by developing new functionalities, revamping domains and fixing bugs by implementing unit and functional tests in Jest to ensure a smooth implementation of the application..

Achievements:

- Implemented and consumed REST APIs and microservices architectures, facilitating efficient communication between frontend and backend, using agile Scrum methodology.

- I designed and implemented scalable architectures and modular code applying design patterns and SOLID principles, reducing maintenance time by 30% and improving development efficiency.
- I optimized communication between systems by efficiently integrating REST APIs, achieving a 30% reduction in response times and improving system interoperability.
- Ensured the delivery of a robust and reliable final product through unit and integration testing, reducing by 50% the number of bugs in production and optimizing software performance.

SII Colombia, Bogotá

Aug 2021 – May 2022

Software Engineer

- Development and implementation of web applications using ReactJS and Redux, ensuring dynamic, attractive and high performance interfaces. Creation of modular and reusable components, optimizing code scalability and efficiency.
- Managing relational databases and SQL queries, optimizing structure to improve system integrity and performance. Implementation of real-time authentication and storage, ensuring secure and efficient integration with the backend.
- User experience (UX/UI) optimization through behavioral analysis, testing and feedback. Integration of geolocation with Leaflet to improve accuracy and customization of solutions. Use of Git and agile methodologies for efficient management of development and delivery of high quality projects.

Achievements:

- Reduce web application load times by 30% through code optimization, use of reusable components in ReactJS and efficient integration with the backend, improving conversion and user experience.

OTHER EXPERIENCES

Solutraffic Ingenieria S.A.S Bogotá

Jul 2019 – Dec 2020

Front-End Developer - Proyecto

PIXJU, Bogotá

Apr 2019 – Jul 2019

UI/UX Engineer - Proyecto

EDUCATION

Specialization in Artificial Intelligence, Universidad Autónoma de Occidente, Currently.

Specialization in Computer and Information Systems Security, Universidad Autónoma de Occidente, 2023.

Multimedia Engineer, Universidad Autónoma de Occidente, 2019.

LANGUAGES: Inglés Avanzado B2

Skills: Mobile Application Development | Agile Development | Software | Backend | Frontend | Microservices | Web Development | Artificial Intelligence | Cloud Infrastructure | Database | QA