

RODRIGO MORAN

Senior Full Stack React Python Developer

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PROFESSIONAL EXPERIENCE

TATA CONSULTANCY SERVICES (TCS).

Santiago, Chile

Senior Frontend React Developer

(Aug 2023 – Present)

Project: Itaú Bank as Frontend Team Lead and Senior Developer:

(Aug 2023 – Present)

- **Strategic Technical Proposals:** Proposed significant enhancements in linting and internal structure for federated modules using Webpack, driving forward-thinking development strategies.
- **Proactive Design Contributions:** Identified and rectified design inefficiencies, innovating new features to continuously evolve and improve the project.
- **Thorough Documentation:** Meticulously documented every code development step, ensuring transparency and facilitating collaboration.
- **Mentorship and Leadership:** Actively mentored team members, fostering their professional growth and ensuring adherence to industry standards.
- **Consistent Project Delivery:** Achieved a track record of 100% sprint completion, demonstrating great time management and reliability in project execution.
- **Cross-Team Collaboration:** Engineered a unified workflow across different teams to maintain consistent structures, enhancing overall project cohesion and efficiency.
- **Established Best Practices:** Authored a comprehensive React coding guide for junior developers and trainees, promoting consistency and skill development.
- **Stakeholder Engagement:** Consistently received positive feedback for effectively presenting new features to stakeholders, highlighting added value and impact on the project.

AAK TELE-SCIENCE, INC.

Davis, CA

Full Stack React Python Developer Co-Lead:

(May 2023 – Aug 2023)

- **React Development:** Mastered functional component development using React Hooks, custom hooks, and React Query. Seamlessly integrated robust endpoints and enhanced application functionality through React, Recoil, Redux, Context API, and TypeScript.
- **DOM & Style Manipulation:** Leveraged deep understanding of DOM manipulation, styles manipulation, styled-components, Micro Fonts, and Flexbox to create responsive and dynamic user interfaces using atomic design.
- **Performance Optimization:** Focused on performance tuning through webpack, babel, and efficient handling of cookies, local storage, and session storage.
- **Testing & Quality Assurance:** Employed Jest, browser tools, and React Testing Library to ensure the quality of code. Integrated continuous integration and continuous deployment (CI/CD) practices.
- **Deployment & Management:** Coordinated deployment through containerization with Docker and AWS Cloud, ensuring smooth transitions and updates.
- **Web Services & API Integration:** Skillfully worked with, REST API, Fast API, Django, and Postman for API integration
- **Innovation & Leadership:** Spearheaded the creation of the company's first Electron application prototype, driving tech adoption and innovation. Exhibited strong leadership, coordinating team activities, and fostering a synergistic work environment.
- **Product Quality & Autonomy:** Championed product quality improvement through the strategic incorporation of innovative tech solutions. Displayed great autonomy in development processes, consistently surpassing expectations.

PROJECTS

NASA API

(January 2023 – March 2023)

Full Stack React NodeJs Developer

- Engineered a scalable REST API using Node.js and Express, integrating data from NASA and SpaceX for rocket launch functionalities.
- Managed MongoDB for efficient data handling and integrated the API with a React-based front end for a responsive user interface.
- Conducted robust testing with Jest and built a RESTful architecture for optimized application scalability.

Camping Website

(June 2022 – August 2022)

Full Stack Developer

- Developed a Yelp-like camping website with JavaScript and Bootstrap, focusing on user-friendly design and functionality.
- Implemented a Node.js and Express backend with MongoDB for dynamic data management and user interactions.
- Enhanced site accessibility and user experience, ensuring a broad reach to camping communities.

React Color Picker

(November 2022 – December 2022)

Frontend React Developer

- Created an intuitive color picker platform using React and Material-UI, featuring dynamic color selection and palette creation.
- Utilized useContext for efficient state management and React Router for seamless navigation.
- Integrated React Color and Chroma JS for advanced color manipulation, offering diverse color format options and transformations.

SKILLS AND EXPERTISE

Expert:

JavaScript, TypeScript, Python, React, NodeJS, Micro Frontends, Module Federation, Webpack, React Query, React Router, React hooks, React hooks forms, Styled components, Bootstrap, Material UI, Bash, Babel, Jest, Recoil, Redux, React Context, Rest API, Nodejs, Express, Git, GitHub, Custom hooks, Atomic design.

Advanced:

AWS, Pytorch, Tensorflow, Encoder and Decoder models, Postman, LLM, CI/CD, MongoDB, SQL, Figma, WordPress, Docker, Trello, Scrum, Jira.

EDUCATION

Universidad De Chile

2013-2022

Bachelor of Science in Biochemistry with a concentration in Bioinformatics, **GPA: 3.7**