RODRIGO MORAN
Senior Full Stack React Python Developer

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PROFESSIONAL EXPERIENCE

TATA CONSULTANCY SERVICES (TCS).   **Santiago, Chile**
Senior Full Stack React Python 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 as team lead, 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 with python scripting, driving tech adoption and innovation. Exhibited strong leadership, coordinating team activities, and fostering a synergistic work environment.
- **Product Quality & Autonomy:** improved product quality through the strategic incorporation of innovative tech solutions. Displayed great autonomy in development processes, consistently surpassing expectations.

FREELANCE FULL STACK DEVELOPER   **Remote**

Full Stack React Python Developer: (Nov 2021 – May 2023)

- **React Frontend Mastery:** Skilled in building responsive, intuitive user interfaces using React, along with Material-UI and Reactstrap. Enhanced user experience through seamless navigation using React Router. Integrated UseContext, Recoil and Redux for state management, enabling real-time updates and interactions.
- **Scalable API Development:** Engineered a robust REST APIs using Node.js and Express for dynamic applications. Focused on creating scalable, efficient solutions adaptable to various data-driven requirements.
- **Database & Backend Proficiency:** Demonstrated expertise in MongoDB and SQL for effective data management, crafted backend solutions with Python that ensure optimal performance and data integrity.
- **Web Design and UX Optimization:** Employed React and Elementor Wordpress for designing engaging, user-centric websites.
- **Quality Assurance & Testing:** Utilized Jest for testing across projects, ensuring reliability and robustness in applications. Advocated for and implemented best practices in testing to maintain high-quality standards.
- **Innovative Features & Data Validation:** Led initiatives for new feature development and data validation using tools like Joi. Consistently sought to improve and evolve project functionality, focusing on user needs and technical excellence.
- **Technical Stack Proficiency:** Proficient in JavaScript, Typescript, React.js, Node.js, Python, MongoDB and SQL.

SKILLS AND EXPERTISE

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

Advanced:
AWS, Pytorch, Tensorflow, Postman, LLM, CI/CD, Figma, Docker, Trello, Scrum, Jira.

EDUCATION

Universidad De Chile   **2013-2022**
Bachelor of Science in Biochemistry with a concentration in Bioinformatics, **GPA: 3.7**