

RODRIGO MORAN

Full Stack Developer

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PROFESSIONAL EXPERIENCE

AAK TELE-SCIENCE, INC.

Davis, CA

Full Stack Developer Co-Lead:

(May 2023 – Present)

- Mastered functional component creation, devising and engineering robust functionality by integrating endpoints.
- Rapidly assimilated new packages, streamlined their integration into the web application.
- Achieved the successful creation of the company's first Electron application prototype.
- Exemplified commitment and work ethic, earned trust, and was delegated with task creation and peer reviews.
- Demonstrated full autonomy in development, surpassed expectations through adaptability and punctual task completion.
- Analyzed and recommended innovative solutions that were incorporated, positively impacting and increasing product quality.
- Fostered a dynamic and productive work environment, coordinating team synergy and cooperation.

Projects Experience

2022-2023

NASA API

(January 2023 – March 2023)

NodeJs | Express | MongoDB | React | Jest | Rest API

- Engineered and designed a scalable API, utilizing data from NASA and SpaceX to create rocket launch functionalities towards habitable planets.
- Assembled and programmed a RESTful architecture using Node.js, Express, and Docker.
- Built successful testing and deployment routines with Jest and AWS EC2 service, streamlining the application process.

CampingSite

(June 2022 – August 2022)

JavaScript | NodeJs | MongoDB | Express | Bootstrap | Joi

- Devised and fabricated a complete website modeled after Yelp, focusing on camping spots.
- Installed user post functionalities, including descriptions and Cloudinary cloud storage service for image uploads.
- Maintained user authentication with secure MongoDB credential storage via ATLAS service.
- Standardized data validation with the JOI library, optimizing user experience.
- Upgraded and remodeled the website for online accessibility via render.com.

React ColorPicker

(November 2022 – December 2022)

React | Material-UI | useContext

- Calculated and designed a vibrant website based on Flat UI and Material-UI colors.
- Assembled an intuitive interface, enabling users to explore, select, and create custom color palettes.
- Operated and engineered the development process using React, react-router, Material-UI, and styled components.
- Incorporated drag-and-drop functionalities, overhauling the color manipulation within the palette.
- Solved deployment challenges, making the website accessible on render.com.

SKILLS AND EXPERTISE

Programming Languages and Frameworks:

- **JavaScript, TypeScript, React.js, Python, React Native, Node.js, Express.js, MongoDB:** Advanced proficiency with over 2+ years of experience.

Version Control:

- **Git & GitHub:** Proficient in managing version control, with 2+ years of experience.

Containerization:

- **Docker, DevContainers:** Highly skilled in containerizing applications, with 1+ years of practice.

Tools and Methodologies:

- **LLMs, WordPress, Trello, Scrum, Jira, Netlify, Electron, Vercel, Figma, Excel:** Comprehensive experience in utilizing these tools, with 2+ years of applied expertise.

EDUCATION

Universidad De Chile

2013-2022

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