Lander Nunez

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TECHNICAL SKILLS

Programming Languages: Python, JavaScript (ES5/ES6), TypeScript, SQL, HTML5, CSS3
Front-End: React, Redux Toolkit, Angular, Websockets, DOM Manipulation
Back-End: Django, FastAPI, Spring, PostgreSQL, MongoDB, RabbitMQ, RESTful API Development
System Design: Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing
Testing/Deployment: Docker, Heroku, AWS, Firebase, Jest
Developer Tools: Git, npm, Postman, Visual Studio Code, Test-Driven Development

PROFESSIONAL EXPERIENCE

Digital TownSq | **Full Stack Software Engineer Intern**   June 2023 - Oct 2023
- Engineered a data-retrieval solution using Firebase and Next.js reducing daily read operations from 26k to 5.8k **(448% improvement)**, fully eliminating server overload that caused downtime 2-3 days per week.
- Architected and implemented the code base from scratch leveraging Next.js, Node.js, Firebase, and News API.
- Migrated all databases to Firebase in collaboration with the mobile dev team, streamlining testing, saving engineering time, and reducing new feature implementation time.
- Created a new revenue stream for the company by executing a time-based feature using React for sponsors to place content at specific stories.
- Translated Figma designs into functional UI/UX features with Next.js.

Mlife Hospice | Caregiver   2018 - 2022
- Led outreach initiatives to underserved communities in Riverside County, resulting in a 20% increase in hospice patient admissions.
- Delivered empathetic and comprehensive care to hospice patients, prioritizing physical and emotional well-being.
- Monitored vital signs, reporting changes to the nursing staff, and maintained accurate records of patient progress.

APPLICATION DEVELOPMENT EXPERIENCE

Yoovies | Full Stack Software Engineer | yoovies.com | github.com/lndrnz/yoovies
Python, JavaScript, React, Django, Node.js, Bootstrap, Docker, PostgreSQL, Heroku, GitLab CI/CD   2022
Movie web-app for moviegoers to rate and review up-and-coming releases, optimized to withstand web scale traffic loads.
- Managed project by leading a team of four engineers using **Agile Methodologies** with Trello, fulfilling all deadlines.
- Launched containerized microservices with Docker for dynamic **horizontal scaling** in deployment for **Heroku**.
- Automated a CI/CD Pipeline with **GitLab CI/CD** for continued integration and version control.
- Developed secure authentication using **JWT** with **Django**, providing users with a personalized experience.

CarCarGo | Full Stack Software Engineer | github.com/lndrnz/carcargo   2022
Python, JavaScript, React, Django, Bootstrap, Docker, PostgreSQL, Jest, RESTful API Development
Platform for car dealerships to log sales, car services, assign technicians, and access car history with VIN Numbers.
- Developed **three RESTful API** microservices, containerizing inventory, sales, and service features.
- Engineered custom **polling** scripts with Docker, ensuring continuous acquisition of a dynamic PostgreSQL database.
- Utilized React and Bootstrap for enhanced UI/UX to search for vehicle history by VIN Numbers.

ConferenceGo | Back End Software Engineer | github.com/lndrnz/conferencego   2022
Python, JavaScript, Django, React, Docker, RabbitMQ
Platform for users to manage attendees, conference registrations, and presentation while monitoring daily forecasts.
- Integrated Pexels/WeatherMap APIs to enhance user experience with location based photos and weather info.
- Implemented **pub-sub** email alerts to enhance presentation applicant UX using RabbitMQ.
- Reprogrammed **monolithic API** into microservices, for programming scalability and conflict isolation.

EDUCATION

Hack Reactor | *Advanced Software Engineering Certificate*   2022
University of California, **Irvine** | *Bachelors of Science in Biological Sciences*   2019