

# Lander Nunez

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## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript (ES5/ES6), TypeScript, C#, Java, SQL, HTML5, CSS3

**Front-End:** React, Redux Toolkit, Angular, Websockets, DOM Manipulation, Bootstrap, Tailwind

**Back-End:** Django, FastAPI, Spring, Express, PostgreSQL, MongoDB, RabbitMQ, RESTful API Development

**System Design:** Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing

**Testing/Deployment:** Docker, Heroku, AWS, Firebase, GitLab CI/CD Jest, Pytest

**Developer Tools:** Git, npm, Postman, bash, Visual Studio Code, Figma, Test-Driven Development

## APPLICATION DEVELOPMENT EXPERIENCE

**Yoovies | Full Stack Software Engineer** | [yoovies.com](#) | [github.com/Indrnz/yoovies](#)

2022

**Python, JavaScript, React, Django, Node.js, Bootstrap, Docker, PostgreSQL, Heroku, GitLab CI/CD**

*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/Indrnz/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.
- Serialized acquired data into **JSON** format, enabling communication with front end **React** components.

**ConferenceGo | Back End Software Engineer** | [github.com/Indrnz/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 **RabbitMQ** to utilize a **publish-subscribe** email alert mechanism, enhancing **UX** by keeping applicants informed of their presentation status.
- Successfully transformed a **legacy monolithic API** into service dedicated microservices, optimizing application performance.

## PROFESSIONAL EXPERIENCE

**Digital TownSq | Full Stack Software Engineer Intern**

June 2023 - Oct 2023

**JavaScript, React, Next.js, Node.js, Firebase, Tailwind CSS**

*News app showcasing real-time US headlines, optimized for user discussion and interaction.*

- Architected and implemented the code base from scratch leveraging **Next.js**, **Node.js**, **Firebase**, and News API.
- 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.
- Led project migrating 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.
- Collaborated with the project manager to translate 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.

## EDUCATION

**Hack Reactor | Certificate in Advanced Software Engineering**

2022

**University of California, Irvine | Bachelors of Science in Biological Sciences**

2015 - 2019