

Lander Nunez

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TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, C, Java, SQL, NoSQL

Front-End: React, Redux Toolkit, HTML5, CSS3, Websockets, DOM Manipulation

Back-End: Django, FastAPI, Spring, PostgreSQL, MongoDB, RabbitMQ

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

Testing/Deployment: Docker, Heroku, AWS, Firebase, Jest

Developer Tools: Linux, Git, Vite, npm, Visual Studio, IntelliJ, Postman

PROFESSIONAL EXPERIENCE

Gainwell Technologies | Associate Application Developer

Dec 2023 - Present

- Addressed support-reported issues by refactoring legacy code and identifying security breaches, ensuring a more stable and secure application.
- Managed on-call responsibilities, monitoring AWS EC2 systems for potential outages and ensuring swift responses. to maintain operational continuity.
- Identified and integrated critical bug fixes, ensuring stability in close collaboration with cross-functional teams.

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 | Admin Assistant

2019 - 2022

- Led outreach initiatives to underserved communities in Riverside County, resulting in a 10% increase in hospice patient admissions.
- Delivered comprehensive care to hospice patients, prioritizing physical and emotional well-being.
- Monitored vital signs and maintained accurate records of patient progress.

APPLICATION DEVELOPMENT EXPERIENCE

Yoovies | yoovies.com | github.com/Indrnz/yoovies

2022

Application for moviegoers to rate and review up-and-coming releases.

- Led a team of four engineers in Agile project management, fulfilling all deadlines with Trello.
- Launched containerized microservices with Docker for dynamic horizontal scaling in deployment for Heroku.
- Developed secure authentication using JWT with Django, providing users with a personalized experience.
- Automated a CI/CD Pipeline with GitLab CI/CD for continued integration and version control.

CarCarGo | github.com/Indrnz/carcargo

2022

Application for car dealerships to log sales, car services, assign technicians, and access car history.

- 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 | github.com/Indrnz/conferencego

2022

Application for users to manage attendees, conference registrations, and presentation while monitoring daily forecasts.

- Reprogrammed monolithic API into microservices, for programming scalability and conflict isolation.
- Implemented pub-sub email alerts to enhance presentation applicant UX using RabbitMQ.
- Integrated Pexels/WeatherMap APIs to enhance UI with location based photos and real-time weather info.

EDUCATION

Hack Reactor | *Advanced Software Engineering*

2022

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

2019