Nicolas Borromeo

California, United States ・ nicoborrom@gmail.com ・ (323) 283-7085 ・ in/nicoborromeo ・ nicolasborromeo.github.io

SUMMARY

Motivated and curious software engineer with strong problem-solving skills and the ability to learn new technologies quickly, who excels in team-oriented and collaborative work environments. Proficient in Python, AWS, Javascript, React, Redux, Flask, Express, SQL and SQLAlchemy. With a unique blend of creative and technical expertise, honed from decades as a Film Composer and Audio Engineer in high-profile and award-winning projects.

EXPERIENCE

Full Stack Engineer
TH Flooring   **June 2024 - Present, Remote**

· Achieved 15% annual cost savings by replacing a costly third-party subscription with a custom-built quoting app.
· Enabled expansion beyond the parent organization, unlocking new product offerings that increased client acquisition and sales by 12% in Q1.
· Designed and implemented a high-performance backend with Sequelize and PostgreSQL, managing 10K+ products and quotes while ensuring scalability, data integrity, and efficient retrieval via RESTful APIs built with Express.
· Engineered a React-based UI with advanced search functionality for 10K+ products, reducing quote creation time from 20 minutes to 10 seconds.
· Developed an automated system for sales and admin teams to upload supplier product sheets, parsing data to update pricing, stock, and product listings in real time.

Audio Engineer & Technical Project Manager
Hans Zimmer, Gustavo Santaolalla, Tree Adams   **January 2019 - August 2023, Hollywood, CA**

· Resolved technical issues during recording sessions for two-time Oscar winner Gustavo Santaolalla on Steven Spielberg's produced movie *Finch*, demonstrating quick problem-solving under pressure and proving excellence in audio quality delivery.
· Optimized audio workflows, cutting TV show mixing time by over 50% for CBS's NCIS using pre-configured tools and streamlined processes.
· Led QA and metadata management for a catalog of 10K+ songs, increasing studio income by 20K+ in the first year through licensing.
· Translated client needs into creative and technical solutions, successfully delivering compositions for Warner, CBS, Disney, Hulu, and Amazon.
· Collaborated with the award-winning team at Hans Zimmer's Bleeding Fingers Music to deliver top-tier compositions to leading companies.

PROJECTS

Kana: Habit Tracker
Python, Flask, SQLAlchemy, React, Redux ・ kana-45i8.onrender.com

· Spearheaded the design of a relational database schema with Flask-SQLAlchemy, optimizing complex data retrieval across task types, rewards, and items tables using efficient joins and eager loading, enhancing application performance and reducing query execution time.
· Designed class-based database schemas in Python utilizing Flask-SQLAlchemy, implementing default class data across the application, and streamlining data management by cutting redundancy by over 20%.
· Engineered a reusable form-rendering component with React, which consolidated the management of all tasks, facilitating scalable code maintenance, and cutting associated code redundancy across the team.

ScoreSync: Custom Shareable Music Cards
React, Redux, Express, Sequelize ・ scoresync.onrender.com

· Leveraged AWS S3 Buckets, following best practices to enhance audio file uploads and retrievals, improving user experience with faster access, secure storage, and scalability for growing music libraries.
· Designed an intuitive UI using React components to offer robust theming options, enabling users to easily customize colors, fonts, images, tracks, and text on multiple personalized shareable music cards.
· Built a robust backend with Express and Sequelize, enabling database integration, optimized HTTP requests, and secure shareable links via RESTful APIs.

EDUCATION

Full Stack Web Development
App Academy ・ San Francisco, CA ・ November 2024

Bachelor of Science in Marketing
University of Science & Business (UCES) ・ Buenos Aires, Argentina ・ December 2011

SKILLS

Languages: Python, JavaScript, SQL, HTML/CSS

Frameworks : React, Redux, Jinja, Flask, Express, Node.js, Sequelize, SQLAlchemy, Playwright

Developer Tools: AWS, PostgreSQL, SQLite, Postman, Docker, Git, VS Code, Figma