

# REX LORENZO

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## SUMMARY

Experienced and adaptable full-stack developer with a strong record of leading teams, improving systems, and delivering thoughtful, maintainable solutions. Known for contributions to open-source projects, mentoring developers, and building tools that streamline complex workflows. Equally comfortable diving into legacy codebases or exploring emerging technologies to meet evolving needs.

## EXPERIENCE

B CAPITAL, Manhattan Beach, CA

**Lead Developer, 2021-2025**

Managed an international development team of four developers across US and India for a global, multi-stage venture capital (VC) firm, providing mentorship, technical guidance, and structured one-on-one support.

- Established and optimized software development workflows, implementing GitHub Actions for automated code reviews, quality assurance, standardized VS Code setups, and Docker / Lando containerized local environments. Reduced developer onboarding time by several hours per engineer.
- Designed and evolved an internal deal approval platform that originated as a WordPress-based voting tool for funding decisions. Collaborated cross-functionally with Legal, Finance, IR, and the Deal Team to expand it into a comprehensive workflow system—tracking a deal's progress from initial vote approval through legal review, signing, and funding. Migrated the tool from WordPress to a high-performance Svelte/Supabase intranet application, significantly enhancing usability, transparency, and cross-team alignment.
- Led migration of legacy data warehouse infrastructure from MySQL to hybrid solution combining Databricks and PostgreSQL. Improved query performance, resolving previously frequent BI query timeouts and reducing web application response times from several seconds to milliseconds.
- Played central role in CRM migration project from Affinity to DealCloud, involving complex stakeholder coordination, data mapping, and customized dashboard development.
- Led website rebranding initiative, overseeing scoping, reviewing, testing, and deploying WordPress-based redesign in collaboration with external partner.
- Coordinated firm-wide security audits and phishing simulations, closing vulnerabilities and maintaining SEC and Monetary Authority of Singapore (MAS) cybersecurity compliance.
- Integrated multiple third-party HR and finance platforms with company's HRIS (HiBob) via secure SFTP, automating data transfers and reducing manual administrative processing by 10 hours weekly.

CENTER FOR THE ADVANCEMENT OF TEACHING (UCLA), Los Angeles, CA

**Lead Developer, 2011-2021**

Oversaw integration and feature enhancements for campus LMS, supporting 30K students, faculty, and staff. Managed and mentored two full-time developers and six student developers, driving successful quarterly development objectives. Established and supervised successful internship program.

- Contributed 40+ fixes and features to Moodle core; recognized among top 1 % of community forum contributors and presenter at multiple ed-tech conferences.
- Spearheaded development of Moodle-Zoom (mod\_zoom) plugin, used by over 10,000 sites. Transitioned project to NC State Delta for long-term maintenance.
- Led development of a media reserves platform for UCLA Library using the MERN stack (MongoDB, Express, React, Node.js), guiding student developers, performing code reviews, and integrating with campus systems via the Apigee API gateway.
- Supported Linux server administration tasks, improving deployment reliability and system monitoring.

## EDUCATION

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UNIVERSITY OF CALIFORNIA, California, Los Angeles  
**B.S., Computer Science**

## CERTIFICATIONS

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Data Science Certification, UCLA Extension  
Competent Communicator and Leader, Toastmasters International  
Scrum Master Certification, Platinum Edge, Scrum Alliance

## TECHNICAL SKILLS

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**Languages & Frameworks:** PHP, JavaScript (ES6+), TypeScript, Svelte, React.js, Node.js, Python, HTML/CSS, jQuery  
**Cloud & DevOps:** AWS (Cloudformation, EC2, S3), Docker, Terraform, Linux/Unix, Microsoft Azure, CI/CD, Git, Github Actions  
**Databases & Data:** MySQL, PostgreSQL, Supabase, Databricks, MongoDB, Redis, Memcache, GraphQL, SQL/NoSQL  
**Process & Tools:** Agile, Scrum, JIRA, Confluence, Postman, Sentry, UI/UX Design, Figma, Balsamiq, Zapier