

Ryan Moscoe

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Portfolio: <https://www.ryanmoscoe.com>

Python | Django | PostgreSQL | AI Integrations | React

SUMMARY

Performance-driven Full-Stack Software Engineer with 3+ years of production experience architecting AI-integrated web applications, optimizing relational databases, and scaling backend systems. Offers a unique 10-year background leading enterprise-level talent development initiatives, delivering stakeholder alignment and systems infrastructure across regulated healthcare and finance sectors.

TECHNICAL CORE

- **Production Focus:** Python, Django, Flask, PostgreSQL, RESTful APIs, System Architecture
- **Full-Stack Fluency:** JavaScript, TypeScript, React, Alpine.js, TailwindCSS, Node.js, Express
- **AI and Developer Tools:** OpenAI API, Claude, AWS Bedrock, Google Antigravity, Git, GitHub

TECHNICAL PRODUCTION EXPERIENCE

Bruce Clay, Inc, Moorpark, CA (Remote)

Software Engineer, 05/2024-06/2026

Software Engineer (Contract), 08/2023-05/2024

- Refactored content generation pipeline from OpenAI to AWS Bedrock using Python, Django, and AWS Lambda, improving output acceptance rate by 24% and reducing API errors by 42%.
- Created additional tools for a public-facing AI-powered content creation suite, including prompt engineering, using Python, Django, Openai, and Pydantic, reducing content creation costs by 67%.
- Refactored the UI to improve mobile responsiveness and simplify workflows, increasing user engagement by over 20% and increasing inbound leads for the SEO sales team by 12%.
- Built an analytics integrations hub for cross-platform data reporting; reduced manual reporting time by 80% and enabled automated client-ready PDF generation.

ADDITIONAL PROFESSIONAL EXPERIENCE

Shield HealthCare, Valencia, CA

Senior Training Specialist, 06/2014-11/2022

Contact Center Training Specialist, 06/2012-06/2014

- Engineered and executed a comprehensive corporate learning curriculum overhaul, utilizing data-driven diagnostics to reduce agent time-to-proficiency by 83% (from 6 months to 1 month).
- Architected and launched the organization's first scalable eLearning, virtual training, and performance support infrastructures, expanding system reach 4x through reusable digital content architecture.
- Constructed and maintained an enterprise-level 1,000+ article knowledge base system, cutting manual supervisor support interventions by 40% through optimized information architecture.

Montecito Bank & Trust, Santa Barbara, CA

Training Specialist II, 04/2010-06/2012

Training Specialist I, 04/2009-04/2010

- Migrated learning tools to modern LMS and e-learning platforms, accelerating course development by 40% while improving compliance tracking across 9 branches and 2 corporate headquarters.
- Designed learning for 10+ software, regulatory, and product launches—reducing post-rollout support volume by 18%.

EDUCATION

- **Certificate**, Berkeley Coding Bootcamp, University of California, Berkeley
- **Master of Arts (M.A.) in Leadership Studies**, University of San Diego, San Diego, CA
- **Bachelor of Arts (B.A.) in History**, Metropolitan State University, Saint Paul, MN