

Adrian Rendon

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TECHNICAL SKILLS

- **Languages:** Java, Go, TypeScript, Python, SQL, JavaScript
- **Cloud & Infrastructure:** Oracle Cloud Infrastructure (OCI), AWS, Terraform, Docker
- **Tools:** Git, Jupyter Notebooks, Maven, DevOps Pipelines, JIRA
- **AI Assisted Development:** GitHub Copilot, OpenAI Codex, AI Chat Prompting / Prompt Engineering
- **Frameworks:** Spring Boot, ReactJS, Node.js, Gin Framework

PROFESSIONAL EXPERIENCE

Oracle | Los Angeles, CA (Remote)

Software Engineer - AI Platform | *August 2024 – April 2026*

- Orchestrated the end-to-end integration of Lustre File Systems within the OCI Data Science platform, leading the research and validation phases to increase data ingestion speeds by up to 500% and eliminate critical I/O bottlenecks for large-scale, distributed training workloads.
- Maintained 99.9% service uptime across 50+ global regions by serving as a primary member of the on-call rotation, providing dedicated incident response to resolve critical customer issues and mitigate internal system outages for the OCI Data Science platform.
- Spearheaded the technical integration of Bring Your Own Container (BYOC) features for the NSAAS initiative, enabling custom environment flexibility for Data Science users.
- Developed and maintained a critical Go repository, serving as a Subject Matter Expert (SME) for core service agent functionality.
- Engineered infrastructure support for new VM and BM hardware shapes, including high-performance GPU instances and ARM-based hardware templates to support diverse Data Science workloads.
- Developed automated image pipelines for Notebook VMs, reducing manual overhead by 5 hours per release and accelerating platform image availability by 50%.
- Optimized Service Managed Capacity Reservations by implementing precise tenancy configuration and cost attribution for high-demand GPU resources.
- Led the resolution of critical blocker tickets across various internal OCI teams, ensuring timely delivery of complex, cross-functional AI service features.

Oracle | Los Angeles, CA (Remote)

Site Reliability Engineer - AI Platform | *January 2022 – August 2024*

- Led the bootstrapping efforts for 5+ regions, defining technical stacks and whitelisting requirements for cloud environments.
- Engineered automated security remediation solutions to address complex compliance findings, achieving 100% compliance with OCI security standards and strengthening the risk mitigation framework.
- Orchestrated the migration of legacy internal tools and critical operational services to modern Management Plane infrastructure, significantly enhancing overall system reliability and service uptime.
- Refined Infrastructure-as-Code (IaC) by modularizing Terraform components for the Management Plane and internal monitoring tools.
- Managed high-stakes deployments and collaborated with multiple software engineer service teams to remediate production issues in real-time.
- Served as the primary point of contact for the OCI Data Labeling Service's US Government Support project, successfully handing off infrastructure responsibility to dedicated operations teams.

Relo Metrics (Formerly GumGum Sports) | Santa Monica, CA Software Engineer | December 2019 – January 2022

- Architected and implemented a highly scalable distributed scheduling system utilizing AWS components and automated pipelines to orchestrate complex, large-scale data processing tasks with 99.9% reliability.
- Engineered the core application layer for a high-performance data analytics platform, utilizing advanced SQL querying and robust RESTful API design patterns.
- Designed and deployed scalable asynchronous data processing solutions and automated internal tooling pipelines using AWS CDK and a broad suite of Amazon Web Services.
- Optimized the retrieval and aggregation of key performance metrics by integrating and managing multiple third-party social media platform APIs.

Chrome River (Now Emburse) | Los Angeles, CA Software Engineer | August 2018 – November 2019

- Collaborated within cross-functional Agile teams to debug and troubleshoot critical system defects, ensuring consistent delivery of high-quality software releases.
- Served as the lead developer for a Spring Boot microservice utilizing AWS Lambda and the Salesforce API to automate the retrieval and synchronization of CRM and internal expense data.
- Contributed to the development of a high-efficiency Salesforce integration application to optimize data ingestion workflows and reduce associated operational costs.
- Implemented a scalable, AWS-based image processing pipeline to support and enhance feature sets for multiple global expense management brands.

Chrome River (Now Emburse) | Los Angeles, CA Support Engineer | April 2017 – July 2018

- Managed the resolution of complex technical escalations, providing expert-level guidance on intricate customer inquiries and system issues.
- Identified and documented reproducible system defects through rigorous troubleshooting, facilitating engineering remediation via detailed JIRA reporting.
- Enhanced internal team communication and operational efficiency by contributing to the Python-based development of a customized Slack automation tool.

VOLUNTEERING & PROJECTS

Grass Roots Neighbors | Los Angeles, CA Volunteer Software Engineer | June 2023 - August 2024

- Collaborated on the technical design and served as a major contributor to the development of a distributed scheduling and logistics system, enabling the reliable delivery of over 35,000 essential grocery items annually to 60 families in high-need communities.
- Leveraged distributed system principles to maintain high availability and data consistency across scheduling tasks, reducing manual administrative overhead for non-profit organizers.

EDUCATION

California State University, Los Angeles (CSULA) | Los Angeles, CA

B.S., Computer Science