

Henry Moore

Full-Stack Software Engineer

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EXPERIENCE

Notable Health — *Software Engineer: Platform Integrations*

High-Growth Series B Healthcare Startup

October 2022 - February 2025

- Deployed bots on Kubernetes incorporating GCP, Docker, Python, proprietary ML models, RPA, and customer FHIR API integrations to provide cutting-edge workflow automation, eliminating thousands of hours of manual data entry for patients and clinical staff per month, saving ~395k per year.
- Optimized workflow hot paths by over 500% using profiling, saving \$20,000+ per month in compute costs.
- Resolved incidents in on-call rotations and built new alerts for faster incident detection.
- Designed and launched a modular, multi-tenant report generation service (Python/S3).
- Led end-to-end product releases — partnering with customers to define requirements and rapidly iterate based on feedback.
- Discovered and implemented critical security improvements to maintain HIPAA compliance.
- Awarded "Rising Star" recognition for outstanding contributions and rapid impact on product development.

California Department of Conservation — *Full-Stack Web Developer*

August 2018 – February 2019, September 2019 – April 2021

- Built and maintained [MOARS web app](#) in C# / ASP.NET Core, including PDF report/email modules, to digitize a workflow previously reliant on physical mail.
- Automated deployment with CI/CD pipelines (Azure DevOps), increasing speed by 40% and improving reliability.
- Reverse-engineered undocumented DocuSign APIs to automate template generation, streamline onboarding, and save ~\$20K.

SKILLS

Languages: Python, C#, Go, TypeScript (with Node.js), Javascript, Rust

Web/Backend: React, Next.js, ASP.NET Core, FastAPI, Express

Infrastructure: Docker, Kubernetes, Terraform, Linux, AWS, Azure, GCP, GitHub Actions, CI/CD

Databases: PostgreSQL, MongoDB, Redis

Other: HIPAA compliance, FHIR/HL7, TDD, LLMs, ML, RPA, EDI

PROJECTS

- **[LLM Chinese Flashcard Generator](#):** OpenAI-powered flashcard tool for learning niche Mandarin terms.
- **[Custom Wikipedia Search Engine](#):** Scrapes + indexes Wikipedia, fuzzy-searchable via UI or REST API (Python, MongoDB, Java, Docker).
- **Linux Server Homelab:** Manage local + cloud servers with Docker, Kubernetes, Terraform, Nix, and NGINX.

EDUCATION

UC Riverside, California — *B.S. in Computer Science (3.71 GPA)*

Graduated July 2022

- Chancellor's Honors List (Spring 2022), Dean's Honors List (5+ terms).
- Relevant coursework: ML, optimization, databases.
- **[Capstone](#):** A 2D procedurally generated Unity roguelike with chunk loading for ultra-low-spec devices.

LANGUAGES

Mandarin Chinese (HSK 4 – conversational; can discuss technical topics with support).