

Henry Moore

Full-Stack Software Engineer

San Francisco, California
(916) 837-0911
hmoorerg@gmail.com
[/in/henry-moore-dev/](https://in/henry-moore-dev/)
<https://github.com/hmoorerg>
www.henrymoore.us

EXPERIENCE

Notable Health — *Software Engineer: Platform Integrations*

High-Growth Series B Healthcare Startup

October 2022 - February 2025

- Automated EHR data entry using RPA, browser automation, and FHIR, cutting clerical work for patients and doctors.
- Optimized job hot paths by over 500% using profiling, saving \$20,000+ per month in compute costs.
- Resolved incidents in on-call rotations, built new alerts for faster incident detection.
- Designed and launched a modular report generation service (Python/S3) used across multiple customers.
- Owned end-to-end HIPAA-compliant product releases, collaborating closely with customers to define requirements and iterate quickly based on feedback.
- Discovered and implemented multiple security improvements to prevent incidents.
- 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.
- Eliminated manual deployment steps by creating robust CI/CD pipelines (Azure DevOps), boosting deployment speed by 40% while also increasing deploy reliability.
- Reverse-engineered undocumented DocuSign APIs to work around business constraints and automate template generation, saving ~\$20,000 while optimizing employee onboarding.

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.

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, CI/CD, TDD, LLMs, ML, RPA, insurance eligibility.

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).