HYUNGYU CHUNG (HENRY)

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SUMMARY

Software Engineer specializing in TypeScript/Next.js for full-stack web applications. Experience building SaaS products with role-based access control and API optimization. AWS certified.

SKILLS

Programming Languages: TypeScript, JavaScript, Python, C++, C#
Frontend: React, Next.js, TanStack Query, Tailwind CSS, Shadcn UI, Three.js
Backend & Databases: Node.js, Supabase, PostgreSQL, MySQL, MongoDB, Drizzle ORM
Cloud & DevOps: AWS, Oracle Cloud, Docker, Git
Tools & Other: Figma, Unity, Unreal Engine

TECHNICAL PROJECTS

CRM Web Application – https://henry-crm-project.vercel.app   **Ongoing**
Personal Project
- Built multi-organization CRM platform for customer management, activity tracking, and sales pipeline analytics
- Designed role-based access control system with isolated data architecture per organization
- Reduced API calls using TanStack Query for client-side caching and request deduplication

Cover Letter Filler Web Application – https://cover-letter-filler.vercel.app   **January 2026**
Personal Project
- Developed square bracket-based keyword extraction and automated paragraph detection
- Built PDF conversion pipeline with Gotenberg (Docker) on Oracle Cloud VM with Supabase/Drizzle ORM backend

Texas Hold'em Poker Prototype – https://9henrychung8.itch.io/prototype-texas-holdem-poker   **December 2025**
School Team Project
- Managed 4-person team using Agile, established coding standards and Git workflow to reduce merge conflicts
- Implemented core game systems in Unity/C# for turn validation, betting, and deck management
- Designed interactive UI with animation system and audio feedback improving user engagement

WORK EXPERIENCE

Software Developer (Volunteer)   **February 2026 – Present**
Evernorth Foundation
- Led frontend team of 4 developers, owned overall frontend architecture and code quality
- Ensured responsive design and consistent implementation across devices
- Coordinated with UX lead and backend team to ensure seamless integration

Prompt Engineer (Contract)   **January 2025 – May 2025**
Outlier AI
- Designed and evaluated prompts for code generation, testing, refactoring, and solution reasoning tasks
- Assessed LLM outputs for instruction-following, truthfulness, localization, writing style, and verbosity
- Conducted peer reviews to ensure quality standards and guideline consistency across team deliverables

EDUCATION

Computing Science Diploma   **December 2025**
Douglas College – New Westminster, BC

CERTIFICATIONS

- **AWS Certified AI Practitioner** (Issued July 2025, Expires July 2028)
- **AWS Certified Cloud Practitioner** (Issued June 2025, Expires June 2028)