

# HANK (HAIYIN) CHEN

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Canadian Citizen | Eligible to work without sponsorship

## PROFESSIONAL SUMMARY

Full-stack developer with over 7 years of combined experience in software development, testing, and cloud deployment. Proficient in building responsive, secure, and scalable web applications using modern technologies including React, Django, Docker, and AWS. Passionate about continuous learning, efficient problem-solving, and delivering impactful user experiences.

## TECHNICAL SKILLS

Frontend: React, JavaScript, TypeScript, HTML, CSS/SCSS, Office.js

Backend: Django, Node.js, Python, Java

DevOps & Tools: Git, Docker, Nginx, AWS EC2/S3/Route53, Linux (Ubuntu/CentOS)

Database: MySQL, Oracle

Others: REST APIs, Word Add-ins, Shell scripting

## KEY PROJECTS

- Startup Web Platform – Full Stack Development

Freelance / edX / UAlberta CE | May 2023 – Oct 2024

- Designed and deployed a production-grade startup website on AWS EC2 with custom domain.
- Dockerized frontend/backend services and reverse-proxied with Nginx for HTTPS and routing (React + Django + MySQL).
- 🖱 Live Demo1: <https://zhiyouyuec.com>
- 🖱 GitHub: <https://github.com/HankChoose/myproject>
- Developed a Word add-in (Office.js + Node.js + TypeScript) to dynamically generate reports from web input.

- 🖱 Live Demo2: <https://zhiyouyuec.com/office-demo/taskpane.html>
- 🖱 GitHub: <https://github.com/HankChoose/myproject/tree/main/office-demo>

- Built SPA using React & TailwindCSS; backend powered by Django and DRF with PostgreSQL.
- 🖱 Live Demo3: <https://www.raybeststar.com>
- 🖱 GitHub: <https://github.com/HankChoose/raybeststar>

## PROFESSIONAL EXPERIENCE

- AI Prompt Engineer (Remote, Part-time)

Outlier AI | Nov 2024 – Present

- Trained LLMs by writing, reviewing, and scoring structured prompts across STEM, programming, and creative domains.
- Validated model outputs in Python, React, and Node.js tasks; optimized results for higher instruction alignment.

- Technical Support Specialist

Honor Computer Systems Ltd, Edmonton | Aug 2019 – Sep 2021

- Delivered IT troubleshooting services for PCs, networks, and OS environments.
- Upgraded systems and resolved software/hardware conflicts.

- Senior Software Developer in Test

Zhiyouyue IT Co., Beijing | May 2013 – Jul 2019

- Developed web modules using JSP, JavaScript, Bootstrap, and MySQL on Linux servers.
- Performed unit and integration tests to ensure performance and stability.

- Principal QA

Thomson Reuters – Beijing, China | 2010–2013

- Led QA testing for global financial platform EIKON using SoapUI & backend validation tools.
- Collaborated with global engineering teams on quality gates.

- QA Engineer (Level 2)

CA Technologies – Beijing, China | 2005–2010

- Tested security products and version updates across Windows/Unix platforms.
- Responsible for regression and patch compatibility testing.

- QA Engineer

ASDC (IBM Global Outsourcing) – Beijing, China | 2003–2005

- Designed test plans and executed system integration testing (AIX, Solaris, Linux).
- Reported and tracked defects, followed through to resolution.

- Software Developer

Xi'an Huaze Software – Xi'an, China | 2000–2003

- Developed CRM and office automation software for telecom clients.
- Maintained system installations and provided client technical support.

## ADDITIONAL EXPERIENCE

### General Labor Roles (Canada) | 2021 – 2023

- Worked in warehouse, delivery, and signage production after immigrating to Canada.
- Took the opportunity to explore local work culture, build physical stamina, and develop team collaboration skills.
- Studied full-stack development online (React, Django, AWS) via edX and UAlberta CE while working part-time..
- Used personal time to build and deploy production-grade web applications, now live and open-source on GitHub.
- This period reflects my adaptability, resilience, and long-term commitment to returning to tech with stronger skills.

## EDUCATION & CERTIFICATIONS

B.Sc. in Computer Science Technology – Xi'an Architecture and Technology University | 1996 – 2000

Forklift License (Class 1, 4, 5) – Expires May 2026

## ADDITIONAL EXPERIENCE

General Labor Roles (Canada) | 2021–2023

Worked in warehouse, delivery, and signage production while actively upskilling in full-stack development via edX and University of Alberta Continuing Education. Demonstrated adaptability, work ethic, and commitment to career transition.