

Andrew Hayter

Fullstack Engineer

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Professional Summary

Senior Fullstack Engineer (9+ years) specializing in secure, scalable web applications for SaaS and e-commerce. Delivered 30+ production systems with 99.9% uptime, architected cloud-native platforms on AWS/GCP, and built real-time data pipelines for IoT workflows. Technical expertise: React, Next.js 15, TypeScript, Node.js, PostgreSQL, Docker, CI/CD, penetration testing. Google Cybersecurity certified with active security research (wireless pentesting, threat modeling).

Work Experience

Independent Consultant / Fullstack Developer / Security Specialist

JUNE 2021 - PRESENT

Led technical audits and holistic refactoring for e-commerce and SaaS, consistently boosting UX, performance, and conversion metrics.

Shipped production-grade AI/automation products: deployed secure, real-world NextJS apps, integrated advanced authentication and analytics for data-driven clients.

Built security practice from the ground up: custom Raspberry Pi/ESP32 wireless pentesting rigs; implemented proactive threat modeling for client infrastructure.

Translated deep technical research (DeFi, blockchain, smart contracts) into user-facing tools & product playbooks.

POWERSHiFTER Digital / Fullstack/Platform Developer

SEPTEMBER 2018 - JUNE 2021, VANCOUVER

Architected cloud-native, event-driven systems on GCP for IoT/real-time data workflows.

Drove adoption of internal open-source starter kits, mentoring teams on scalable NextJS/Contentful deployments.

Collaborated across design, research, and delivery—shipping cross-browser, accessible, and secure UIs.

Tools: React, Redux, GCP, Node, Redis, Apify, Puppeteer, Contentful, Jira.

Goat Social / Fullstack Web Developer (Contract)

JULY 2019 - SEPTEMBER 2019, VANCOUVER

Delivered custom CraftCMS/WordPress solutions for education sector clients, bridging legacy systems and modern UX.

Led client IT integration efforts, ensuring bulletproof deployment and ease of maintainability.

Tools worked with: CraftCMS, GitLab, Bootstrap, OpenShift, GSuite

Drive Digital / Fullstack Developer

NOVEMBER 2015 - AUGUST 2019, VANCOUVER

Architected and launched 30+ WordPress websites for SMB and enterprise clients, achieving 99.9% uptime through robust performance and security optimizations on linux servers

Provided technical estimates, planned custom website implementations, and executed maintenance work

Implemented comprehensive performance and security optimizations for CentOS and Ubuntu servers, enhancing site speed and security

Tools worked with: WordPress, Bash, React, AWS, Bitbucket, Confluence

Skills

Architectural Mastery: React, NextJS (v15), Node, Typescript, TailwindCSS, PayloadCMS

Backend Craft: Express, REST APIs, Rust, Linux, scalable MySQL/Postgres/MongoDB

Cloud/DevOps: AWS, GCP, OpenShift, Docker, CI/CD, IaC, technical SEO, real-world performance tuning

Security-First Engineering: Wireless pentesting, SIEM, authentication, incident response, ethical hacking

Product/Process: Agile leadership, PRD creation, automated test pipelines, cross-functional collaboration

Growth Mindset: Systematic self-upskilling, deep research habits, project-driven learning, rapid prototyping

Certifications

Google Cybersecurity Certificate

COMPLETED OCTOBER 2024

Google

CompTIA Security+ (In progress)

DEC 2025 (EXPECTED COMPLETION)

CompTIA

Education

WEB3 BUILDERS ALLIANCE / Solana Developer

SOLANA Q1 2023, REMOTE

Intensive 5-week cohort program focused on Rust fundamentals and smart contract development using both native Solana and Anchor frameworks

Lighthouse Labs / Fullstack Engineer

MAY 2015 - AUGUST 2015, VANCOUVER

Intensive coding bootcamp focused on full-stack web development including Ruby on Rails, HTML/CSS, Javascript, NodeJS & SQL.

Winner of people's choice award for final project

Midterm project went viral on Reddit