

# JEREMY MOSELEY

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## SUMMARY

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Full-stack engineer with 20+ years of experience building and shipping products across web, mobile, and cloud platforms. Proven ability to lead teams, architect scalable systems, and own projects end-to-end — from early-stage startups to enterprise clients.

## SKILLS

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**Languages & Frameworks:** JavaScript, TypeScript, React, Next.js, Node.js, PHP

**Databases:** MongoDB, MySQL, PostgreSQL (Neon)

**Cloud & Infrastructure:** AWS (EC2, ELB, RDS, S3, Lambda), Vercel

**APIs & Services:** Stripe, Mux, ElevenLabs, OpenAI / Vercel AI, GraphQL

## EXPERIENCE

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**Comtac Training** — Remote

Sep 2021 – Present

*Lead Engineer (Contract)*

- Lead engineer on a firefighter training simulation web app built with Next.js (TypeScript), hosted on Vercel with a Neon serverless database.
- Integrated Mux for video delivery, ElevenLabs for real-time speech transcription and text-to-speech, and Vercel AI (OpenAI) to generate realistic, context-aware responses to trainee commands.
- Implemented Stripe for subscription payments and Amazon S3 for file storage and asset management.

**eTono (Freelance)** — San Jose, CA

2005 – Present

*Founder & Independent Consultant*

- Deployed horizontally scaling WordPress infrastructure on AWS using ELB, EC2, RDS, OpsWorks, and Chef.
- Programmed an Ethereum smart contract for tokenized voting.
- Provided ongoing Linux server hosting, maintenance, backup, and recovery services.

**The Velodea Group** — Pasadena, CA

Jan 2008 – Jun 2016

*Director of Development*

- Led a team of 2 junior engineers and 2 designers across 50+ client projects spanning iOS apps, video encoding, API integrations, and e-commerce.
- Developed the Shell Eco-marathon event platform: multi-role access, technical spec uploading and approval, media credentialing, and travel/accommodations management.
- Built a social media hub aggregating posts from multiple platforms into a single real-time, archivable stream for conferences and events.
- Architected a content targeting algorithm and developed a WordPress plugin for legal approvals and auditing.
- Developed lodging and check-in software using the Zend Framework; built a PCI-compliant e-commerce store in PHP/MySQL.
- Instrumental in transitioning the agency from design-only to a full-service digital product studio.

**THQ** — Calabasas, CA

Jan 2003 – Mar 2006

### *First Party Specialist*

- Authored the Xbox Live network testing handbook; developed network testing protocols for Microsoft Xbox Live.
- Identified 500+ bugs across 20+ titles using white-box testing methods on mobile, PC, Xbox, PlayStation, and GameCube.
- Embedded with the Pandemic Studios team for the final 6 months of development on Full Spectrum Warrior.

## **EDUCATION**

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### **Hawaii Pacific University** — Honolulu, HI

*B.S. Computer Science*

- Makana Scholarship Recipient

### **Anthropic Academy** — Certifications, 2026

*AI Fluency: Framework & Foundations*

*AI Capabilities & Limitations*

*Claude 101*

*Claude Code 101*

*Claude Code in Action*

*Introduction to Subagents*

*Introduction to Claude Cowork*

*Introduction to Model Context Protocol*

*MCP: Advanced Topics*