Lloyd Gerry

Software & Engineering Leader · AI/ML/LLM

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PROFILE

Software and engineering leader with full-stack, cloud, and AI model development experience. Experienced in leading LLM training data delivery for multiple customers, aligning project requirements with tasker teams and maintaining high task quality at scale. Most recently led engineering teams of up to 10, integrating AI/ML models and satellite data pipelines into production defense and supply-chain platforms using TypeScript, React, Python, and AWS. Proven at improving architecture, CI/CD, observability, and team performance. Diplomas in Cyber Security and Web Development.

SKILLS

AI / ML / LLM: LLM training data, model output evaluation, quality rubrics and guidelines, AI/ML model integration, data pipelines

Engineering: TypeScript, JavaScript, Node.js, Python (Django, Flask, Celery), React, Redux, RTK Query, Vue, Material-UI, AG Grid, Java, Perl, Ruby, SQL

Cloud & DevOps: AWS (ECS, RDS, DynamoDB, S3, Lambda, Cognito, SES, CDK), GCP, Azure, Docker, Linux/Unix, CI/CD, Sentry, Splunk

Leadership: Team leadership, coaching, hiring, agile/Scrum (certified Scrum Master), product management, remote collaboration

Security: Authentication, secure application design, bot mitigation, security assessments, NIST frameworks

PROFESSIONAL EXPERIENCE

Engineering Manager, Full Stack · *GSTS (OCIANA)* 12/2024 – 10/2026 · Remote (Halifax, Canada)

- Sole engineering manager for the 10-person engineering organization, then led a team of up to 8 as it grew to 16, with zero turnover and several promotions.
- Owned the OCIANA application and its internal tooling end to end, setting architecture and personally building several internal tools.
- Significantly reduced build and release times by improving CI/CD pipelines, builds, and monitoring.
- Partnered with design and product from concept to delivery, and supported hiring and investor discussions.

Senior Full Stack Software Engineer · *GSTS (OCIANA)* 03/2024 – 12/2024 · Remote (Halifax, Canada)

- Lead engineer integrating satellite and terrestrial data pipelines and AI/ML models into a collaborative platform for supply chain management and defense products.
- Built with TypeScript, Node.js, React, Redux, Material-UI, AG Grid, and Sentry on AWS (ECS, RDS, DynamoDB, S3, Lambda, Cognito).

Team Lead / Queue Manager, LLM Training · *Scale AI* 01/2024 – 07/2025 · Remote

- Led LLM training data projects for multiple AI customers, translating model goals into task guidelines, rubrics, and quality standards for tasker teams.
- Managed queue throughput and quality across concurrent projects through reviews, audits, and tasker feedback loops.

Full Stack Software Engineer · *Ether Capital* 08/2022 – 07/2023 · Remote, Canada

- Led development of an Ethereum monitoring product for blockchain validators, turning complex on-chain data into actionable insights and financial reports for internal and external users.
- Owned end-to-end delivery on a small agile team: CI/CD pipelines, database architecture, data collection, APIs, and front end.

Application Developer · *Maximus Health* 06/2021 – 07/2022 · Remote (Victoria, Canada)

- Contracted to the BC Ministry of Health: managed Unix servers with Perl and developed Java and Python projects.
- Updated monitoring systems with Splunk and Microsoft tools. Certified Scrum Master and Project Lead.

Web Development Mentor · *Lighthouse Labs* 02/2021 – 01/2022 · Remote, Canada

- Mentored full-time bootcamp students through code reviews, topic discussions, and problem-solving across JavaScript, Node.js, React, PostgreSQL, and Ruby on Rails.

Full Stack Software Developer Intern · *AbeBooks, an Amazon Company* 03/2020 – 06/2021 · Remote, Canada

- BookFinder.com: built features on a Python (Flask), JavaScript, and Perl stack on AWS Lambda and EC2, including migrating Perl Sendmail to AWS SES and a bot-mitigation system using a live-updated DynamoDB IP blocklist across multiple layers of the app. Handled patching and on-call.
- AbeBooks.com: designed and built an internal feature-toggle app for marketing (Lambda, React, custom API Gateway), migrated legacy on-premise code to AWS CDK CI/CD pipelines, and upgraded testing with TestNG.

Technical Account Manager · *AbeBooks (Fillz)* 04/2018 – 03/2020 · Victoria, Canada

- Provided technical support and account management for Fillz customers, using bash-based tooling. Wrote custom JavaScript pricing scripts, pushed configuration changes, and ran daily priority meetings with the development team.

Technical Support Specialist · *AbeBooks, an Amazon Company* 03/2015 – 03/2020 · Victoria, Canada

- Second-tier support and escalation point: maintained RegEx inventory-parsing rules via git workflows and researched technical issues for development teams.
- Trained new hires across offices, maintained training documentation, and led mentoring to raise agents' quality assurance scores.

EDUCATION

Diploma, Cyber Security · *Lighthouse Labs* 2023

Diploma, Web Development · *Lighthouse Labs* 2019

Diploma, Finance · *Camosun College* 2008

VOLUNTEER

Coxswain · *Royal Canadian Marine Search and Rescue* 11/2020 – Present · Sooke, Canada

- Coxswain (vessel commander) for a 24/7 volunteer marine rescue service working with the Canadian Coast Guard, leading crews on search and rescue missions.
- Lead and train crew members on seamanship, rescue operations, and safety. Progressed from Rescue Crew and Quartermaster.