

Alex Gap

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Squamish, BC, Canada (UTC -8)

Skills

- **Languages:** goolang, typescript, ruby, solidity, C#, SQL
- **AI/LLM:** MCP server design, LLM tool design & guardrails, agentic development (Claude Code, Codex, multi-agent workflows)

Experience

Senior Software Engineer - Product Hunt

Jan 2024 - Present (remotely from Squamish)

- Grew Product Hunt's internal MCP server (Cloudflare Workers) into a core team tool, giving AI assistants safe access to production analytics (Postgres/Redshift), ad operations, and shareable reports, with human confirmation and audit trails on every write.
- Adopted an agent-first workflow, orchestrating parallel coding agents (Claude Code, Codex) to ship features as reviewed PRs, backed by repo-level agent instructions and skills.
- Worked with Ruby on Rails, TypeScript, Tailwind, React and Postgres.

Senior Software Developer - ConsenSys Mesh

Oct 2019 - Dec 2023 (remotely from Vancouver/Squamish)

- Continued to work on the state channels protocol, taking it from a proof of concept to an actual usable framework.
- Designed and implemented various aspects of the framework; first using typescript then using goolang.
- Decided key software architecture decisions by writing design documents and using those to build consensus on the team.
- Continued to develop smart contracts using solidity and related tooling, with a focus on gas optimization.
- Managed and organized projects, ensuring work was coordinated among team members and completed on time.

Software Developer - Magmo

Aug 2018 - Oct 2019 (remotely from Victoria/Vancouver/Squamish)

- Joined a fast pace startup implementing a state channels protocol, which enabled fast and secure payments that could occur off the blockchain.

- Designed and implemented various parts of the initial framework using typescript.
- Wrote smart contracts using solidity and using tooling like hardhat to test and deploy smart contracts.
- Used react.js and typescript to implement parts of the user interface.

Senior Software Consultant - Coreworx Inc.

May 2018 - July 2018 (remotely from Victoria)

- Provided technical support and emergency software fixes for a wide array of issues.

Software Developer - Absorb LMS

March 2017 - March 2018 (Calgary)

- Rewrote the browser front end using react.js and typescript, to produce a responsive UI for the learning management system.
- Wrote RESTful APIs on the backend using C# and asp.net.

Rock Climbing and Traveling

September 2016 - March 2017

- I took some time off to travel and climb at some of the best climbing spots in the USA.

Senior Implementation Consultant - Coreworx Inc

March 2014- August 2016 (Calgary)

- Acted as the team lead developer when designing and launching an upgrade of a major feature.
- I travelled internationally to resolve technical and performance issues directly with clients.

Software Developer - Coreworx Inc

July 2011-March 2014 (Kitchener)

- Helped design and implement a multi-threaded import framework allowing users to import data into the system in a quick and efficient manner.
- Worked on multiple major releases using C# and ASP.Net to design and build enterprise software.

Education:

University of Waterloo Bachelor of Mathematics, Computer Science (Co-Op)
2006-2011.