

Contact

+1-587-577-2189 (Mobile)
stevenduongx@gmail.com

www.linkedin.com/in/steven-duong-se (LinkedIn)
github.com/StevenD24 (Other)

Top Skills

Next.js
Machine Learning
PyTorch

Languages

English (Full Professional)

Certifications

Respect in the Workplace
Algorithmic Toolbox
Foundations of Software Engineering Program Completion
Launchpad - Hunter Hub for Entrepreneurial Thinking

Honors-Awards

Alexander Rutherford Scholarship
Jason Lang Scholarship for Academic Achievement
Intern of Merit 2021

Steven Duong

Software Engineer @ Stealth
Calgary, Alberta, Canada

Summary

I am a self-motivated software engineer with 2 years of professional start-up experience specializing in full-stack development and artificial intelligence. My expertise includes building AI-driven applications utilizing Large Language Models (LLMs) to develop intelligent agents and enhance product capabilities. I am proficient in:

- Front-end: Next.js, React.js, TypeScript.
- Back-end: Node.js, Python, FastAPI, AWS Lambda.
- Databases: DynamoDB, MongoDB, PostgreSQL (Supabase).
- DevOps: GitHub Actions, Docker, Kubernetes, ECS, EC2, Fargate.
- AI Frameworks: LangChain, Hugging Face, Open AI GPT, Llama
- Cloud/Billing: AWS, Stripe

Experience

Stealth

Full Stack Software Engineer
November 2024 - Present (7 months)
Los Angeles, California, United States

- Software and hardware design, development and deployment.
- Built GenAI agents utilizing LLMs to create productive tools.
- Established LLM monitoring and alerting systems using Prometheus and Grafana.

resin8.ai

AI Software Engineer & Co-founder
September 2023 - November 2024 (1 year 3 months)
Houston, Texas, United States

- Engineered an AI-powered marketplace featuring intelligent agents with semantic search, boosting product discovery and platform performance by 60%.
- Architected scalable backend infrastructure handling 1000+ concurrent requests with low latency and efficient asset storage.

- Integrated retrieval-augmented generation into an AI chatbot to surface the most relevant products for buyers.
- Implemented automated CI/CD pipelines, reducing deployment time to minutes while improving code quality and reliability.

Flathead Equity Partners Ltd.

Frontend Engineer Intern

July 2023 - September 2023 (3 months)

Houston, Texas, United States

- Venture studio: Responsible for creating an internal web app for high capital bounty expeditions.
- Built a high-performance cloud library on s3 offering secure document storage for over 10k files.

ANG Consultants Inc.

Full Stack Engineer Intern

May 2023 - August 2023 (4 months)

Calgary, Alberta, Canada

- Architected and shipped a secure project-management platform using Next.js and MongoDB.
- Unit tested critical UI components with Vitest, ensuring a seamless UX across different devices.
- Developed REST endpoints using Node.js and Express.js for MongoDB.

Husky Energy

Development Engineer Intern

January 2020 - December 2020 (1 year)

Calgary, Alberta, Canada

- Built Python-based data visualizations (Pandas, Seaborn) to analyze projects that anchored \$200K+ investment.
- Refactored test infrastructure by addressing legacy software and introduced 70+ unit tests, improving code coverage from 70% to 92%.

Education

University of Calgary

Master of Engineering - MEng, Computer Software Engineering · (September 2022 - May 2024)

University of Calgary

Bachelor of Science in Engineering - BS, Mechanical
Engineering · (September 2017 - May 2022)