

ABHAY PARASHAR

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PROFESSIONAL SUMMARY

Entrepreneurial engineer with 4 years of professional experience across Canada and India, building real products for real users fast. Identified an operational failure at a 300+ person non-profit, made the business case, and shipped a full replacement CRM as lead developer with 95% satisfaction. Currently building an AI agent channel for a live manufacturing business to automate client acquisition. Comfortable with ambiguity, full ownership, and moving between product, engineering, and business as needed. Graduating March 2026, BSc Computer Science with Co-op, VIU (4.27 GPA).

EXPERIENCE

Software Engineer — Charvar Networks Canada Jan 2024 – Present

- Identified critical operational failures in NACL's existing Microsoft Power Apps CRM, made the internal business case for a ground-up replacement and was approved as lead developer; building a multi-tenant SaaS (powercompasspro.com) serving multiple organisations, each with 200+ employees, launching July 2026
- Shipped the full-stack system end-to-end: Next.js frontend, Supabase backend including PostgreSQL, RLS, auth, real-time, board-level analytics dashboard, Stripe payment processing, Novu notifications, and migration infrastructure
- Ran structured user testing throughout development and iterated continuously; maintained 95% satisfaction across employees and board members; the board now makes operational decisions directly from in-app analytics, eliminating manual reporting
- Built automated testing with Playwright and CI/CD with GitHub Actions; used AI tooling to accelerate development and automate test generation

Technical Lead (Self-Initiated) — A&A Exports India — AI Channel Initiative 2024 – Present

- Identified that A&A Exports' client acquisition process was entirely manual and bottlenecked by human bandwidth, then self-initiated a project to design and build an AI agent channel to automate outreach, follow-up, and qualification workflows
- Building end-to-end with Next.js, Supabase, and LLM/agent tooling; applying 6+ years of domain knowledge in export/manufacturing to decisions that a generic engineer couldn't make without that context
- This is a live business with real stakes, not a side project; it combines full-stack engineering with deep operational context to replace workflows that were previously impossible to automate

Full Stack Developer (Co-op) — Input Logic Canada May 2023 – Sep 2023

- Given an R&D problem with no existing solution, designed and shipped a full parser using Next.js and Django/DRF that algorithmically converts complex error diagram syntax into visual output using derived mathematical rules
- Delivered under a real client deadline within a single co-op term; achieved 90% satisfactory rating and reduced manual diagram setup time by 20%
- Operated inside a 30+ person professional team of app developers and security specialists across multiple live client projects simultaneously

CSCI Help Desk Assistant — Vancouver Island University Sep 2023 – May 2024

- Provided technical mentorship to CS students; created reference documentation adopted department-wide

Google Developer Student Club Lead — Vancouver Island University May 2022 – Dec 2022

- Led a 12-person team for the Google Solution Challenger Competition, managed scope, deadlines, and delivery; hosted Git/Version Control workshops; selected to attend Google's annual North America student leads summit

Leads & Technical Manager — A&A Exports India Jan 2018 – Sep 2020

- Ran the business development and client acquisition pipeline for a manufacturing/export operation, drove 20% increase in new business leads in year one; wrote technical proposals with 70% win rate
- Participated in strategic planning that contributed to 15% revenue growth over two years; set up all employee technical environments and systems, and operated across both business and engineering functions

TECHNICAL SKILLS

AI & Tooling: LLM / agent integration, prompt engineering, automated pipelines, AI-driven workflow tooling

Full Stack: Next.js, React, TypeScript / JavaScript, Supabase (PostgreSQL, RLS, auth, real-time), REST APIs, Node.js

Backend: Django / DRF, Python, Firebase, Novu, Stripe, concurrency handling

DevOps & Testing: Git / GitHub, GitHub Actions (CI/CD), Playwright, Vercel, Linux

Languages: JavaScript / TypeScript, Python, C, C++, SQL

Other: Multi-tenant architecture, product lifecycle, user testing, Agile/Scrum, technical documentation

PROJECTS

AI Agent Channel — A&A Exports — Self-initiated | Next.js · Supabase · LLM/agent tooling 2024 – Present

- Self-initiated project to automate client acquisition for a live export/manufacturing business, identified the manual bottleneck, scoped the solution, and building it end-to-end with real business stakes and real users
- Combining full-stack engineering with 6+ years of domain expertise in the industry, context that cannot be faked or outsourced to a generic engineer

PowerCompass Pro (NACL CRM) — Charvar Networks | Next.js · Supabase · Stripe · Novu · Playwright · GitHub Actions 2024 – Present

- Proposed and built a full production CRM to replace Microsoft Power Apps for a 300+ employee non-profit, made the business case, got buy-in, and shipped every layer as lead developer (powercompasspro.com, launching July 2026)
- 95% satisfaction confirmed by employees and board members through continuous user testing; the board now uses in-app analytics to make operational decisions that previously required manual reporting

Error Diagram Visual Parser — Input Logic | Next.js · Django/DRF · Python 2023

- R&D project with no existing solution or template, designed the rules, built the parser, delivered under a real client deadline; 90% satisfaction, 20% setup time reduction

EDUCATION

BSc Computer Science with Co-op Graduating March 2026

Vancouver Island University, Nanaimo BC | GPA: 4.27 / 4.33

3 Co-op terms completed | CS: Data Structures and Algorithms, Software Engineering, HCI, Databases, OS, Networks, Advanced Data Science | Business: Principles of Management (A+), Introduction to Marketing (B+), Intro to Economics (A+), Business and Technical Writing (A)

ACCOMPLISHMENTS

- Invited to the Google Summit for student leads for outstanding chapter performance (2022)
- Dean's Honour List, VIU, 2019-2020 and 2020-2021
- VIU Regional Scholarship (Indian Region) awarded for academic excellence
- 95% satisfaction on NACL CRM, verified by employees and board members; 3 co-op placements completed