

SAAM SANI

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EDUCATION

Simon Fraser University

Burnaby, BC

Bachelor of Science in Data Science

Sep. 2022 – Sep. 2027 (Expected)

- **Award** – Dean's Honour Roll, Fall 2023
- **Relevant Coursework:** Data Structures & Algorithms (C++), Artificial Intelligence, Database Systems (SQL), Object-Oriented Design, Intro to Computing (Python)

PROJECTS

Amplimetric CRM | *Next.js, React, TypeScript, Prisma, PostgreSQL, shadcn/ui, dnd-kit, Recharts*

Jun. 2026

- Built an end-to-end internal CRM over a **23-model Prisma schema** and **39 API routes**, with a **drag-and-drop Kanban pipeline** (dnd-kit) and **Recharts analytics dashboard** (MRR forecast, ICP-tier breakdown)
- Built the lead-gen engine: multi-source scraping (Google, Yelp) with Apollo enrichment, **free MX+SMTP email verification**, a **5-dimensional ICP scoring engine** (0–50 composite, A/B/C tier), a **data-driven 5-variant personalization engine**, and automated multi-step email campaigns (Resend)

Metro Testing & Engineering — Lab Report System | *Next.js, React, TypeScript, PostgreSQL, Prisma, Better Auth*

Jun. 2026

- Replaced a manual Excel/PDF workflow (**8–14 staff-hrs/week**, ~\$22K–\$36K/year) with a **4-role platform** (technician/reviewer/client/admin) enforced by **PostgreSQL Row-Level Security** via session-local GUCs – technicians cannot see each other's reports; clients see only their approved reports
- Built an **approval state machine** with **immutable versioned revisions** and **AES-256 signed PDFs** (Puppeteer + qpdf) carrying embedded handwritten signatures; extensible template framework with **2 report types** in production
- Ran a **Codex adversarial security review** fixing an **IDOR** (photo deletion across reports) and a **privilege-escalation/stale-session flaw** with app-layer + RLS defense-in-depth, verified by **69 automated checks**

Soccer Match Outcome & Score Prediction Model | *Python, scikit-learn, Pandas, NumPy*

May 2025

- Built an end-to-end ML pipeline on **85,768 professional matches** (2008–2025): merged multi-source data, engineered features from team strength, form, and head-to-head history; trained **Random Forest** (Win/Draw/Loss) and **regression** (scoreline) models with automated retraining

Stock Movement Prediction System | *Python, TensorFlow, scikit-learn, Pandas, yfinance*

Apr. 2025

- Trained a **neural network** on **10+ financial indicators** for **3 trading strategies** achieving **89% accuracy** on breakout classification; built full pipeline from feature engineering to live price retrieval via `yfinance` with confidence-ranked predictions

EXPERIENCE

Amplimetric (amplimetric.com)

North Vancouver, BC

Founder & Full-Stack Developer

2026 – Present

- Founded an **AI automation and web design studio** that uses AI to help small businesses move faster and miss less; services include custom websites, smart inbox automation, AI email marketing, and practical AI consulting
- Deliver a **lead response system** that answers new inbound leads by SMS in **~60 seconds**, 24/7, with timed follow-ups that stop automatically on reply and a **6-category inbox triage** with a 7 AM daily digest so nothing urgent slips through
- Run an **AI-assisted email marketing service** (Klaviyo) with AI-generated copy, smart segmentation, and send-time optimization; built and shipped **3 live client websites** across real estate and restaurant verticals with full technical SEO and mobile-first design

NexusWave Technologies Inc.

Vancouver, BC

Web and App Developer

May 2024 – March 2025

- Delivered **5+ client web and mobile applications** using **React, Node.js, and Flutter** in an **Agile CI/CD** environment; translated ambiguous requirements into technical specs using **use case diagrams**, reducing revision cycles

Simon Fraser University

Burnaby, BC

Research Assistant — Machine Learning

Jan. 2024 – Jul. 2024

- Built and compared **3+ supervised ML models** (logistic regression, random forest, SVM) for chronic kidney disease detection on real LifeLabs patient data; analyzed datasets with **Python, Pandas, and Matplotlib** and presented weekly findings to faculty

SKILLS

Programming Languages: C/C++, JavaScript, Python, TypeScript, CSS, HTML5, SQL, R

AI & ML: Claude API, Claude Code, RAG Pipelines, LangChain, MCP Servers, AI Agent Orchestration, n8n, Prompt Engineering

Frameworks & Libraries: React.js, Next.js, Node.js, Tailwind CSS, shadcn/ui, Pandas, NumPy, scikit-learn, TensorFlow, Prisma ORM

Databases & Tools: PostgreSQL, Supabase, Git/GitHub, Docker, Vercel, Tableau, Postman, Playwright, Microsoft Excel

CS Fundamentals: Data Structures & Algorithms, OOP, Distributed Systems, Relational Algebra, Query Optimization, Bayesian Networks, Search Algorithms

Certifications: Building with the Claude API, Model Context Protocol, Claude Code in Action, AI Fluency, Claude 101