

SHIV GANDHI

Winnipeg, MB

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🌐 Portfolio 💬 LinkedIn 🌐 Github

ABOUT ME

Results-oriented Computer Science Senior with a robust foundation in full-stack development, cloud architecture, and data engineering. Proven track record of building scalable SaaS applications and optimizing database performance. Actively expanding expertise in AI/ML pipelines and PyTorch to integrate intelligent solutions into complex business challenges. Seeking a software engineering role to contribute technical expertise and drive innovation in a collaborative, fast-paced environment.

SKILLS

Languages: Java, Python, C++, JavaScript (ES6+), TypeScript, SQL (PostgreSQL/MySQL), R, HTML5, CSS3, Go

Frameworks & Libraries: React.js, Next.js, Spring Boot, Node.js, PyTorch, Express.js, Flask, Tailwind CSS, Pandas, NumPy, Scikit-learn

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes, CI/CD (GitHub Actions), Linux/Unix, Git

Tools & Concepts: RESTful APIs, Microservices, ML Pipelines, Agile/Scrum, Figma (UI/UX), Power BI, Tableau, Jira, SDLC, Network Protocols

Certifications: AWS Developer Associate (in progress), Certified Python Developer (Udemy)

Soft Skills: Technical Communication, Cross-functional Leadership, Analytical Problem-solving, Time Management, Adaptability

Languages: English, Hindi, Gujarati

PROJECTS

SmartSpend – AI Finance Platform ↗

- Developed a full-stack AI-powered finance platform using Next.js 15, React 19, Tailwind CSS, Prisma, Supabase, and Clerk Authentication.
- Implemented expense tracking, automated transaction categorization, and AI-based receipt scanning.
- Integrated Power BI-style dashboards for financial insights and used Inngest for automated background jobs like monthly reports and alerts.
- Deployed with Vercel using a scalable, serverless architecture.

Horizon – Financial SaaS Platform ↗

- Built a financial SaaS platform with Next.js and TypeScript, integrating bank accounts for real-time tracking, peer-to-peer transfers, and financial management.
- Leveraged Appwrite, Plaid, Dwolla, Chart.js, and TailwindCSS to implement full-stack features.
- Designed REST APIs and secure authentication for scalable operations.

AWS Web Deployment and Hosting

- Deployed multiple personal web applications using AWS cloud infrastructure.
- Configured EC2, S3, and Route 53 for optimized hosting and routing.

Winnipeg Road Transport Database Management ↗

- Created a relational database system storing and analyzing Winnipeg road transport data, including bus transit performance, passenger activity, cycling routes, traffic statistics, speed limits, and bus stops.
- Designed efficient queries and APIs for insights, reducing query execution time by 40%.
- Enabled cross-analysis of transport datasets to support better planning, decision-making, and educational purposes.

EDUCATION

Bachelor's in Computer Science

University of Manitoba, Winnipeg, MB
GPA: 3.7

Jan 2022 - Apr 2026 (expected)

Dean's Honor List (Winter 2022, Winter 2023, Winter 2024, Winter 2025)

Runner-up in DevOps Hackathons (2023, 2024)

Science Student Association Tutor – Mentored peers to strengthen programming skills

Applied Sciences (High School)

Parth School of Science and Technology, India

Mar 2019 - May 2021

Secured 94% in final exams, ranking in the top 1% of Gujarat. Government of India scholarship recipient.

EXPERIENCE

Application Developer – Government of Manitoba (Contract Part-Time)

Sep 2025 – Dec 2025

- Supported and maintained internal government applications across multiple departments.
- Developed Power BI dashboards and automated reporting workflows, saving analysts 5+ hours/week.
- Upgraded legacy systems and built new applications using Next.js, Prisma, and REST APIs, improving load times by 35%.
- Collaborated with cross-functional teams to troubleshoot issues and implement scalable improvements.
- Gained hands-on experience with Docker, CI/CD pipelines, and cloud-based deployments.

Software Application Developer – Government of Manitoba (Internship)

May 2025 – Aug 2025

- Resolved 30+ backlog bugs, reducing support tickets by 18%.
- Built dashboards and automated data workflows for operational insights.
- Participated in Agile sprints and REST API development, enhancing system reliability.

Assistant Software Developer – Symbiosis Technologies (India)

Aug 2021 – Dec 2021

- Contributed to design, development, and testing in microservice-based applications using Java, C#, and SQL.
- Integrated REST APIs, improved logging and monitoring efficiency by 25%, and participated in Agile sprints and code reviews.

Science Student Association Tutor – University of Manitoba

Sep 2024 – Dec 2024

- Tutored 20+ students in Data Structures, Algorithms, and OOP.
- Helped peers improve grades through guided exercises and debugging sessions.

Parts Advisor – PartSource

Aug 2023 – Present

- Managed inventory and customer queries, serving 50+ clients/day
- Enhanced problem-solving and multitasking skills.
- Maintained good relations with commercial and retail customers.

Field Marketing Representative – Kognitive Sales Solutions

Mar 2022 – Aug 2023

- Engaged clients and delivered tailored product solutions to 100+ customers weekly.
- Developed strong communication, negotiation, and analytical skills.
- Managed client data using internal CRM tools and optimized marketing workflows, increasing lead conversion by 12%.
- Adapted quickly to changing requirements and collaborated closely with team members on campaign strategy.