SHIV GANDHI

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🌐 Portfolio   in LinkedIn   ⭘ Github

ABOUT ME

Software-focused Computer Science student with hands-on experience building and maintaining production SaaS applications, cloud workflows, and data-driven systems. I've worked on real-world platforms in government and startup-style environments, contributing to full-stack features, automation, and analytics used by internal teams. Currently deepening my skills in cloud architecture and applied machine learning, with a strong interest in scalable systems and fintech-adjacent products, and a strong habit of continuously learning and adapting to new tools and systems.

SKILLS

Core Engineering: Java, Python, JavaScript, TypeScript, SQL, REST APIs, Git, Linux
Frontend: React.js, Next.js, Tailwind CSS, HTML, CSS
Backend & Systems: Node.js, Express.js, Spring Boot, Prisma, Supabase, Appwrite
Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, CI/CD (GitHub Actions), Vercel
Data & ML: Pandas, NumPy, Scikit-learn, PyTorch, ML pipelines
Tools: Power BI, Power Platform, Jira, Figma
Spoken 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.

Credit Card Fraud Detection System ↗

• Developed a robust ML pipeline using XGBoost and SMOTE, achieving a 0.86 F1-score on highly imbalanced transaction data.
• Benchmarked model performance using Stratified Monte Carlo cross-validation to optimize for precision-recall balance.

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.

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   *Jan 2022 - Apr 2026 (expected)*
GPA: 3.7
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
- Developed advanced Power BI dashboards integrated with Dataverse and Azure SQL to drive departmental decision-making.
- Optimized Power Automate workflows for the Manitoba Health Replacement App, ensuring reliability of critical processes.
- Implemented new feature modules using Power Apps and Power Pages to meet evolving departmental requirements.
- Collaborated with technical teams to troubleshoot integrations between legacy systems and modern cloud infrastructure.

Software Application Developer – Government of Manitoba (Internship)
May 2025 – Aug 2025
- Modernized digital services by developing low-code solutions using Microsoft Power Platform and Azure.
- Deployed 5+ Power Automate workflows, reducing manual data entry and streamlining internal document processing.
- Resolved 30+ backlog bugs and implemented UI/UX improvements for the Manitoba Health Replacement App in an Agile environment.

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. Adapted quickly to changing requirements and collaborated closely with team members on campaign strategy.