

# SHIV GANDHI

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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, TypeScript, SQL (PostgreSQL/MySQL), NoSQL, R, HTML5, CSS3

**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), Certified Web 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*

- 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.