






ASHIM THAPA

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 GitHub: AshimsGithub

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PROFESSIONAL SUMMARY

Motivated and adaptable individual with a Diploma in Computer Programming and hands-on experience in web development, backend systems, and project documentation. Proven work experience in security, correctional services, and customer-facing roles, developing key skills in crisis management, problem-solving, and teamwork. Passionate about AI, nanotechnology, speculative fiction, and software innovation, with a keen interest in combining technology and creative concepts for impactful projects.

TECHNICAL SKILLS

Programming: JavaScript, C#, Node.js, Angular, MongoDB, HTML, CSS

Frameworks & Tools: MEAN Stack, .NET (C#), WPF

Database: MongoDB, SQL Server (Northwind)

Other Tools: GitHub, Visual Studio, Figma (Basic)

Soft Skills: Teamwork, Communication, Leadership, Problem Solving, Crisis Management

PROFESSIONAL EXPERIENCE

Security Officer / Concierge

Various Locations, Ontario

2023 – 2024

Provided concierge and front-desk support in residential and corporate settings.

Ensured building security and responded to emergencies.

Assisted with customer service duties and coordinated building logistics.

Warehouse Worker

Ontario

2022 – 2023

Handled warehouse operations, inventory management, and logistics.

Operated equipment ensuring safety and efficiency.

Respite Worker

Ontario

2020 – 2022

Provided personal support and care services to individuals with special needs.

Assisted in day-to-day activities, ensuring well-being and engagement.

PROJECTS

NanoSys – AI-Based Nanomachine Simulator

A desktop/web app simulating nanomachines interacting inside the human body, using AI for decision-making and real-time visualizations.

NanoSec – Nanomachine Security Framework

A conceptual project exploring blockchain-inspired nanomachine swarm security for data networks with AI-based threat detection.

Sochai Wellness – AI Nutrition & Wellness Platform (Academic Project)

Developed a conceptual web app offering personalized AI-driven nutrition recommendations and community support for adolescents in Nepal.

Tripssy – Tour Planner (Quality Manager Role)

Managed quality assurance and documentation for a MEAN stack-based tour planning web application.

EDUCATION

Diploma in Computer Programming

Institution Name (Add if available)

Ontario, Canada

INTERESTS

AI & System Design

Nanotechnology & Speculative Fiction

Manhwa & Anime

Game Development Concepts

High-Risk Financial Strategies & System-Driven Applications

Wellness Technology & Community Empowerment Projects