

# Yuvraj Singh

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## Education

**Centennial College** — Toronto, ON  
Advanced Diploma in Software Engineering – AI  
2023 – Present

## Technical Skills

- React & Tailwind CSS
- JavaScript / TypeScript
- Python (Flask, Data Processing)
- C# Programming
- SQL & Database Design
- Linux (Ubuntu, VirtualBox, Samba)
- Version Control (Git & GitHub)
- Bootstrap
- Problem-Solving & Debugging
- Team Collaboration

## Projects

- **NewSphere** — Flask-based news web app with personalized homepage, search, bookmarks, trending articles, dark mode, and chatbot integration.
- **CSV Data Visualization Tool (COMP125)** — CSV upload and validation, CSV→JSON conversion, styled table output, bar/line charts, and word cloud generation.
- **Database Design & Queries (COMP122)** — Designed schemas and SQL queries for e-commerce/Bike Store databases with constraints, sample data, and reporting queries.
- **VirtualBox / Samba File Sharing** — Configured Samba server with ACLs, authentication, quotas, auditing, and secure file-sharing between Windows/Linux clients. (Team project with Harshit & Annu)

## Work Experience

**Customer Service & Security Roles** — Toronto, ON  
2022 – 2023

Developed strong communication, teamwork, and problem-solving skills while working in fast-paced environments. Gained reliability, leadership, and responsibility in handling customer needs and security protocols.

## **Certifications**

- Microsoft SQL Database Design (Academic Coursework)
- Linux & Virtualization (Group Project Experience)
- Cybersecurity Basics (Centennial coursework modules)