RAJ SHRESTHA

Brampton, ON • 437‑855‑4974 • riyazstha000@gmail.com  
LinkedIn: linkedin.com/in/raj-shrestha • GitHub: github.com/raj-shrestha

# OBJECTIVE

Recent Computer Engineering Technician graduate with a solid foundation in software troubleshooting, system setup, and basic technical support. Familiar with configuring operating systems, resolving application issues, and assisting in hardware-related tasks. Gained hands-on exposure to circuit design and microcontroller programming through academic projects. Looking to start a career in IT support or a technical role that allows continued growth in both software and hardware environments.

# EDUCATION

Sheridan College, Brampton, ON  
Diploma in Computer Engineering Technician  
2023 – 2025  
Course Highlights: Microprocessors & Microcontrollers, Practical Circuits, Industrial Robotics, Linux OS, C++, Python, Java, Database Design, IT Project Management, System Integration

# CERTIFICATION

• Google IT Support Professional Certificate – 2024

# TECHNICAL SKILLS

• Programming Languages: Python, Java, C++  
• Hardware & Electronics: Microcontrollers, Microprocessors, PLCs, PCB Design, Robotics  
• Systems & Tools: Linux, Windows, SQL Developer, Talend, AutoCAD, Multisim, Autodesk EAGLE, Atlassian Jira & Confluence, RobotGuide 3D  
• Soft Skills: Communication, Teamwork, Troubleshooting, Documentation, Agile Practices

# PROJECTS

LED Blinker using 555 Timer  
• Designed and implemented a blinking LED circuit using the NE555 timer in astable mode.  
• Controlled 4 LEDs at fixed intervals using calculated RC values.  
• Created PCB layout in Autodesk EAGLE and tested circuit functionality.

Pet Rescue Charity Donation Management System  
• Designed a Central Donation Repository using Oracle SQL Developer.  
• Used Talend to load, clean, and transform donation data from CSVs and SQL Server sources.  
• Built a star schema data mart with DateDim, AddressDim, VolunteerDim, and DonationFact tables.  
• Created SQL views for reports and implemented role-based access controls for secure data access.

Campus Connect – Agile Web Platform Project  
• Worked in a 4-member Agile team using Atlassian Jira and Confluence for sprint management.  
• Wrote and managed 18+ user stories for core features like class scheduling, IT support, and online payments.  
• Participated in sprint planning, code reviews, and documentation using team-based collaboration tools.  
• Ensured completed features met usability, testing, and data privacy requirements.

# ADDITIONAL EXPERIENCE

• Completed academic projects involving soldering, circuit simulation, and testing with guidance.  
• Assisted classmates in resolving basic coding bugs and hardware lab challenges.

# INTERESTS

Electronics Prototyping, DIY Tech Builds, Automation Ideas, Soccer