Kunal Yadav

Ontario, Canada | 365-883-5588 | [Email](#) | [LinkedIn](#) | [Portfolio](#)

Education

Mohawk College, Hamilton, ON   **Expected:** January 2026
Computer System Technician: Software Support
      Relevant Courses: Software Quality and Testing, Database Management (SQL), Java, JavaScript, C#, PHP

Nepal Banepa Polytechnic Institute, Banepa, Nepal   **Graduated:** 2022
Diploma in Geomatics Engineering
      Relevant Courses: Geographic Information Systems (GIS), Data Analysis, Surveying Techniques

Technical Skills

- **Programming & Scripting:** C# (.NET), Java, PHP, Python, SQL, JavaScript
- **Web Technologies:** HTML, CSS, Bootstrap, React, Tailwind CSS
- **Applications & Tools:** Office 365 Suite, SDLC, Agile Development, Software Testing, GIS Application

Technical Projects

Personal Portfolio Website | [Live](#)   January 2025 - Present
HTML | CSS | JavaScript | Bootstrap | Three.js
- Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase my skills.
- Enhanced user experience with interactive 3D background animations and smooth transitions using Three.js.
- Improved site accessibility by implementing a fully responsive design across all device types.
- Featured animated skill cards and project showcases with detailed descriptions and links to repositories.
- Streamlined communication by integrating a contact system with automated response handling.

Ticket Scanning Application | [Code](#)   July 2024 - August 2024
Java | JavaFX | OOP
- Developed a real-time ticket validation system using QR code validation, improving event entry and accuracy.
- Integrated an audio feedback system to provide confirmation of ticket validity, enhancing user experience.
- Implemented input validation and a user interface, reducing entry errors and streamlining event check-in.
- Strengthened security by encrypting ticket data and preventing access during the validation process.

Jump Obstacle Game | [Code](#)   June 2024 - July 2024
JavaScript | HTML | CSS | Bootstrap
- Created an engaging browser game with smooth gameplay mechanics and responsive collision detection.
- Boosted player engagement with competitive features, including real-time score tracking and leaderboards.
- Expanded accessibility through responsive design for seamless desktop and mobile gameplay.

Coffee Shop Ordering System | [Code](#)   April 2024 - May 2024
Java | OOP | JavaFX
- Streamlined the ordering process through intuitive UI design and efficient OOP architecture.
- Minimized order errors by implementing automated cost calculation and detailed digital receipts.
- Optimized inventory tracking using an inheritance-based product categorization system.

Work Experience

BII-Tech Solution, Nepal   March 2022 - December 2023
Assistant Computer Operator
- Operated and maintained computer systems, ensuring optimal performance and reliability.
- Assisted in data processing by interacting with operating systems and following instructions and guidelines.
- Performed decollating and bursting of printed output with a focus on accuracy and high-quality standards.
- Monitored and reported hardware/software malfunctions, facilitating quick resolutions to maintain workflow.
- Supported diagnostics and resolved equipment issues, working with technical teams to improve efficiency.