

RIJUL CHADHA

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Skills

Languages and Frameworks: C, C++, C#, Python, Java, JavaScript, React, Ruby, SQL, HTML, CSS, PHP, Pearl, Lisp, Prolog, Linux/bash, JSON, Express, Node.js, Pygame, Tkinter, Matplotlib, MongoDB, Bootstrap.

Tools and Technologies: Microsoft Office (Excel, PowerPoint, Word), SharePoint, PowerShell, Oracle, Algorithms, Cloud Computing, VMware, Intune, SharePoint, NoSQL MacOS, Windows, Ubuntu, Git, GitHub, PowerBI, TCP/IP.

Work Experience

Security Professional Supervisor, Toronto (Exhibition Palace), Canada

March 2023- Present time

- Supervised a team of 20-30 security personnel, ensuring protocols and demonstrating strong leadership.
- Managed scheduling, task allocation, and on-site issues while collaborating with City of Toronto and event staff to ensure a secure, orderly environment, demonstrating strong communication skills.

Digitech Computer Institute, Phagwara, India - intern

Oct 2022 - Dec 2022

- Served as a Python teaching assistant, providing support to learners with their coding challenges.
- Designed short computer projects for students, assisting them in solving problems and simplifying the learning process

Computer Complex, Phagwara, India - intern

June 2022 – oct 2022

- Designed and implemented salary databases for employees in educational institutions.
- Developed financial database systems for colleges and schools.

Projects

Resortify | [Link](#)

- Developed a Hotel booking website, utilizing Node.js and Express for the backend and MongoDB for data management, enabling efficient user requests and secure booking experience.
- Designed a user-friendly interface with CSS and EJS, ensuring an intuitive experience for hotel reservations while employing RESTful APIs for seamless frontend-backend, optimizing performance and responsiveness

Bank management system

- Developed a bank management system in C++ to manage customer accounts, featuring deposits, withdrawals, balance inquiries, account creation, modification, deletion, and error handling.
- Utilized object-oriented programming principles to design a modular codebase, enhancing maintainability and readability.

Simon Says game - Developed an interactive demonstrating proficiency in event-driven programming to manage game states, sequence generation, dynamic user input handling, and real-time feedback for smooth and responsive gameplay.

Payroll Management DBMS - Designed a System using Oracle SQL, creating complex queries, views, and procedures for salary processing, tax deductions, data integrity, reporting, and secure access control.

Portfolio Introduction Webpage | [Link](#) - Deployed an interactive personal introduction webpage using HTML, CSS, with responsive design, dynamic elements, and animations for enhanced user engagement.

Education

Toronto Metropolitan University -Candidate for *Bachelor of Science (Honors) in Computer Science, Class of 2026*