

# JERIN PIOUS

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## TECHNICAL SKILLS

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- **Programming:** C/C++, Python, MySQL, HTML5, CSS, JavaScript
- **Tools:** Git, Flask, MongoDB Atlas, GitHub, React, AzureDevOps, Visual Studio Code, RESTful API, Node.js, AWS, Selenium, JMeter
- **Skills:** Operating Systems, Data Structures And Algorithms, UNIX, Linux, Agile Development, UI/UX designing, Object Oriented Programming, Computer System Architecture, Leadership, Adaptability, Scrum, Code review, Communication, Problem Solving

## EXPERIENCE

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### ConHacks 2023

Organizer and Co-Founder

Waterloo, Ontario  
September 2023 - Present

- Orchestrated and managed the First Hackathon in Conestoga Collge managing over a 100 participants
- Showed sharp decision making skills and teamwork in discussions and planning
- Demonstrated management and communication skills while connecting and managing with the participants and organizers

### Blackbelt World

Lead Instructor

Kitchener, Ontario  
June 2023 - Present

- Demonstrated skills in executing techniques with precision and fluidity
- Managed and Lead over 150 students by instructing and teaching them techniques and skills
- Demonstrated leadership and lead a team of over 5 instructors

## PROJECTS

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### AI - Image Generation DALL-E Clone 🌐 Github

MongoDB, Express, React, Node

- Developed a project where I designed and implemented an AI image generation program using the MERN stack
- Implemented OpenAI and Express.js to generate images for prompts from the user and used Cloudinary to manage the images.
- Utilized MongoDB and Mongoose for seamless database integration, demonstrating expertise in design and CRUD operations

### CamSentinel

Python, OpenCV, HTML, CSS 🌐 Github

- Developed a project as a team focused on a system that seamlessly incorporates facial recognition technology, allowing precise identification of individuals within its view
- Implemented features that enhanced the system's security and precision, such as user authentication, audio recording, and detection.
- Contributed to the main features such as the system's facial detection and alert mechanism using tools and technologies like OpenCV, and Flask.
- Produced a 95% accurate results in simulated conditions

### Portfolio Website

HTML5, CSS, JavaScript 🌐 Github

- Developed a portfolio website to showcase my projects and achievements using HTML5, CSS, JavaScript

### Car Rental Application

C, MStest

- Developed an application that streamlines the car rental process, enabling users to explore available cars, and prices, and manage their rental history with ease
- Guaranteed accuracy and accessibility of car information, user profiles, and rental records through the efficient database management system, ensuring reliable storage and retrieval.
- Attained a layer of security and personalization by using user authentication, while the intuitive interface provides a smooth and efficient experience

## EDUCATION

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Conestoga College, Waterloo, Ontario  
Bachelor of Computer Science(Honours)

Enrolled: January 2023 — Expected: August 2026  
Overall GPA: 3.5