

# Anandpravesh Singh

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## Computer Programming and Analysis | Available for 4–16-month co-ops

### SKILLS

- **Microsoft Technologies:** Proficient in utilizing a comprehensive array of Microsoft technologies, including ASP.NET Core, MVC, Angular, Entity Framework, C#, and SQL Server to develop and maintain dynamic web applications.
- **Front-End Development:** Skilled in creating responsive and user-friendly front-end interfaces using HTML, CSS, JavaScript and react ensuring an exceptional user experience.
- **Node.js and Express:** Experienced in server-side development using Node.js and Express, allowing for the creation of efficient and scalable back-end solutions.
- **Database Management:** Proficient in database management, including SQL Server and MongoDB, with the ability to design, query, and optimize databases to support application functionality.

### PROJECTS

#### 1. E-Commerce Website (MERN)

Live site: [E-Commerce Website](#) | GitHub: [Repository](#)

- Developed a seamless website for optimum shopping experience with products available for Men, Women, and Kids.
- Website features include:
  - Add/Remove products using admin Panel.
  - Detailed product information.
  - Size selection and easy cart management.
  - Community contribution through reviews.

#### 2. Blog Website (MERN)

Live site: [Blog Website](#) | GitHub: [Repository](#)

- Built blog website from starch using MERN Stack, utilized JWT authentication for secure access.
- Website features included:
  - Add/edit blog post.
  - Login/Signup functionality.

#### 3. Clinical Data Management Application (ASP.NET, Entity Framework)

GitHub: [Repository](#)

- a comprehensive Clinical Data Management Application using C# and WinForms that caters to the specific needs of healthcare clinics. Application features include:
- Easily record and manage patient data, including names, contact information, and medical history.
- Automatically extract critical data such as blood pressure (BP), heart rate (HR), and other vital signs from clinical notes.
- Generate detailed reports summarizing patient information and medical history.

#### 4. Tic-Tac-Toe Game (C#, WinForms)

GitHub: [Repository](#)

- Fully functional Tic-Tac-Toe game with an intuitive UI and game logic.
- Game features include:
  - Live leader board
  - Tracking of individual best stats

## **TECHNICAL EDUCATION**

### **Advance Diploma - Computer Programming & Analysis**

Conestoga College, Waterloo, ON | Expected Graduation: 04/2026

- Currently enrolled with a 3.95 GPA, focusing on front-end, back-end development, and database management.
- Tools: C#, ASP.NET, JavaScript, HTML, CSS, SQL, MongoDB, Node.js with Express.

## **ADDITIONAL EDUCATION**

### **Mechanical Engineering Technician Diploma**

Sheridan College, Brampton, ON | 09/2015 to 01/2018

- Grounding in mechanical engineering principles, precision machining, and blueprint reading.

## **EMPLOYMENT HISTORY**

### **CNC MACHINIST (12/2020 to 01/2022)**

Allied Tooling Canada, Mississauga, ON

- Set up machinery, lathes, and grinders following safety protocols.
- Adjusted offsets accurately based on production and daily work orders.

### **CNC MACHINIST (04/2018 to 12/2020)**

Cyclone Manufacturing Inc. Mississauga, ON

- Enhanced production efficiency through accurate machine programming.
- Troubleshoot machinery and programming issues, exceeding daily production goal.

