

Avni Goyal

Web Developer | Software Engineer

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TECHNICAL SKILLS

PROGRAMMING LANGUAGES	C, C++ (OOP), C#, JavaScript (ES6), HTML5, CSS3, Python
WEB TECHNOLOGIES	React JS, RESTful API, Sanity (cms), Node JS, Express, MUI, Redux, Tailwind CSS, CSS, MongoDB, MERN, jQuery, AJAX, handlebars, full-stack, front end, back end, webpack, Angular, Responsive web design, ASP.NET, Web services, CRUD, TypeScript
DBMS (DATABASE MANAGEMENT)	MySQL, NoSQL (MongoDB, Mongoose ODM), PL/SQL, PostgreSQL, SQL, Queries on stored procedures
TOOLS AND OTHER SKILLS	Git, GitHub, VS Code, Visual Studio, Visual Paradigm, linux, shell scripting, Problem-solving, Collaborative skills, Quick learner, Organized, positive attitude, Expressive, Leadership, Oracle, Excel, Microsoft Project (PMBOK), Word, PowerPoint, Unix, Web security, Selenium, Cloud technology (Azure), JIRA
INDUSTRY SKILLS	System Design, Agile methodology (SCRUM), Waterfall, AWS Cloud, CI/CD practices, Cloud, SDLC, STLC, PMLC, Data Structures and Algorithms, Version Control frameworks, Systems development, Debugging, Error handling, Web hosting, Jenkins, TCP/IP, UML, Confluence, web deployment platforms

EDUCATION

Advanced Diploma - Computer Programming and Analysis

(2022-present)

Seneca College

GPA: 3.6

PROJECTS

***Movix**, *A movie watching app*

- Utilizes React JS, Redux toolkit, React Router, Axios, RESTful API, SCSS to create a scalable movie watching app to watch free movies with modern UI, infinite scroll and react loading skeleton (lazy loading).
- This innovative application would showcase the different movies based on genres, user can see the movie casts, sign-up and log-in.

Memories (*MERN*)

- Memories is an innovative full stack MERN (MongoDB, Express, React, and Node.js) application that enables users to publish/view posts of another users.
 - Created a REST API with GET, PUT, POST, and DELETE operations using Express.js.
 - Used HTML, Bootstrap, and React for an efficient, animated, and functional front end.
- Github Repo - https://github.com/agoyal31/MEMORIES-Web_Application_MERN

ComfyNCozy Rental, *A Booking App (CRUD Application)*

- Developed an MVC pattern full-stack rental website, enabling customers to book a rental and clerks to perform CRUD operations on rentals.
- Utilized HTML, CSS, and Handlebars.js for an efficient and functional front end and Node.js for the back end.
- Implemented security features such as Email Verification, 2-factor authentication, and authorization.
- Integrated MongoDB databases through self-developed modules that handle CRUD operations and used Cyclic as web hosting platform.

URL - <https://breakable-jade-lingerie.cyclic.app>

Github - [AirBNB Replica Repo](#)

Assembly Line (*OOP – C++*)

- Designed a system to manage customer orders seamlessly across multiple workstations with varying stock item availability with a focus on backend functionality.
- Each workstation holds specific stock items, and orders are processed based on item availability.
- Developed using STL libraries and Algorithms, Inheritance, Lambda Expressions, File read/Write Operations, Error Handling, Dynamic memory allocation (DMA), Copy and move semantics, string operations and smart pointers.

GitHub Repo - https://github.com/agoyal31/Assembly-line-project_CPP

Maze Runner App (*DSA – Python - Teamwork*)

- Team Project - Developed a system for generating complex mazes and finding optimal solutions, showcasing a strong problem-solving aptitude.
- Utilized key concepts such as Data Structures and Algorithms (DSA), recursive functions, and graph traversal techniques.
- Leveraged Kruskal's Minimum Spanning Tree (MST) algorithm and Depth-First Search (DFS) for maze creation and solving.

GitHub Repo - <https://github.com/agoyal31/DSA Maze-Runner-Project>

CERTIFICATES

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|-----------------------------------|---------------------------------------|
| • React Advanced-Udemy | • C Node.js Developer-Udemy |
| • HTML5 and CSS3 – Code with Mosh | • JavaScript advanced -Code with Mosh |

ACHIEVEMENTS

Solved 100+ LeetCode questions

PROFESSIONAL EXPERIENCE

Team Member, *Tim Hortons*

(2022 - present)

- Possess excellent communication skills, allowing me to effectively communicate with a diverse range of individuals in a calm and professional manner.
- Skilled team builder, fostering a positive and collaborative work environment among my colleagues.
- Quickly adapt to changing circumstances and display strong critical thinking and decision-making abilities.
- Exceptional interpersonal skills enable me to connect with people respectfully and empathetically, building trust and confidence with everyone I interact with, which demonstrates my customer service skills.
- Quick learner by shaping myself to operate new machines efficiently in fast paced environment.