

Deval Panchal

Software Developer

Email: devalp2401@gmail.com | [Personal Website](#) | [LinkedIn](#) | [GitHub](#)

Key Skills

Languages: Python, JavaScript/Node, Java, C++, HTML/CSS

Libraries & Frameworks: React, D3, PowerBI, jQuery, Bootstrap, Express, SCSS,

Database: SQL (Microsoft SQL Server, PostgreSQL), NoSQL (MongoDB, Firebase)

Version Control: Git

Concepts and Project Management Tools: REST APIs, Docker, Agile Methodologies, Trello, Unit Testing

Cloud Infrastructure: Google cloud services, Azure cloud services

Education

Ontario Tech University

2019 - 2024

Bachelor of Science (Honours), Computer Science

cGPA: 3.6

Awards: President's List Designation (2021 – 2022)

Experiences

Ontario Power Generation | *Computer Developmental Student (Data Analytics)*

May 2022 – Present

- Designed and developed PowerBI dashboard for nuclear Innage Control Centre manager to analyze vitals on reactor unit operations to ensure plant efficiency is met in the top percentile of global nuclear plant operations
- Created, modified, and scheduled stored procedures in SQL server to maintain database and generate clean data
- Maintained and cleaned SQL queries for more efficient runtimes to improve speeds for data retrieval
- Generated Python scripts to automate routine tasks using the panda's library and azure cloud services
- Technical Environment:** SQL Server, Power BI, Python

Ontario Tech University | *Software Developer Research Fellowship*

May 2021 – April 2022

- Working as a developer in a full-stack team to research, define, architect, and implement product features of a web-based language learning application
- Learned how to deploy code in a Cloud hosted environment with Docker Cloud
- Create Express REST API endpoints to feed UI components with PostgreSQL data
- Designed and developed entire pipeline for fully functioning backend, frontend, and database connection
- Integrated features with cloud services such as Google Cloud Services
- Wrote clear and concise technical documentation for internal team members
- Technical Environment:** JavaScript, NodeJS, ReactJS, ExpressJS, PostgreSQL, Docker, GitHub, Trello

Projects

Sorting Algorithm Visualizer

ReactJS, HTML, SCSS

- Developed a web application showcasing various sorting algorithms to help users understand how they work
- Applied knowledge of data structures and algorithms to visualize various sorting algorithms
- [GitHub](#) | [Website](#)

Instagram Clone

Vue, Node/ExpressJS, MongoDB

- Developed a full-stack Instagram clone showcasing all CRUD (Create, Read, Update Delete) operations
- Worked in a team of 5 individuals each working collaboratively to create a functioning application
- [GitHub](#)