**Priti Yadav**

Vancouver, BC • 647-(460)-9530 • pritiyadav888@gmail.com

[Linkedin](http://linkedin.com/in/priti-yadavml) • [Github](http://github.com/pritiyadav888)

**Objective**

To secure a challenging position as a Software Engineer, with a focus on Machine Learning, Software Development, and Backend Development. I am passionate about utilizing my skills to develop innovative software solutions, and I am open to learning new technologies and approaches to maximize my impact in the field.

**Education**

* Advanced Ontario College Diploma in Software Engineering - Artificial Intelligence, Centennial College, Toronto
* B. Tech in Electronics & Communications Engineering, UTU, India

**Technical Skills**

* Front-end development: HTML, CSS, JavaScript, React, Angular, TypeScript
* Back-end development: Node.js, Express, Python, Jest
* Databases: MySQL, MongoDB, PostgreSQL, MS SQL Server
* Web Services: Restful APIs, SharePoint
* CLI, IOT, Web Applications, Architecture
* Cloud platforms: AWS, Azure, Google
* Agile methodologies, Scrum
* Version control: Git, GitHub
* Requirement gathering and documentation: Business Analysis, Project Management
* Technical research and evaluation: Information Retrieval, Data Mining, Machine Learning
* Computer-based systems development: Full-stack Development, System Design, System Testing, API development
* Data, process, and network modelling: Database Design, System Architecture, Network Administration
* System maintenance and troubleshooting: Debugging, Technical Writing, Documentation
* Team management and coordination: Leadership, Project Management, Communication, Collaboration.

**Professional Experience**

**Backend Developer**, WIMTACH, Toronto *Nov 2021 - Aug 2022*

* Led full software development lifecycle for a multi-tiered web service project for energy consumption and carbon emissions, including client communication and project management.
* Developed an e-commerce marketplace system for trading carbon offsets among SMEs.
* Implemented gathering of functional requirements and technical specifications.
* Ensured security with JWT token validation and AWS Cognito
* Utilized AWS, SQS, and SES for notification management system.
* Wrote unit and integration tests for Node.js (TypeScript) backend application in Jest.
* Participated in Agile project management by outlining analytical requirements and translating them into conceptual designs.
* Established criteria or standards for basic infrastructure and deployment processes.
* Conducted data analysis and scrutinized processes and codes to identify and troubleshoot issues and identify opportunities for enhancements.
* Designed and deployed an automated algorithm for the project.
* Created a modularized control unit for internal purposes and ensured regular upkeep and updates as necessary.

**Software Developer Intern,** LetsStopAids, Toronto *Sep 2021 - Nov 2021*

* Designed responsive web templates in Flutter for the volunteer sign-up program.
* Ensured website compatibility and attractiveness across platforms with Flutter and parallax effects.
* Work responsibilities were of website designer and web developer.

**Projects**

* Developed an image-to-text converter using Tesseract and Python
* Created a Django project that generates articles from YouTube video links.
* Developed a tool to convert Etsy shop data to a format acceptable by the Facebook shop.
* Built an e-commerce website using the MERN stack and deployed it on Heroku.
* Assembled an NLP chatbot.
* Created a product recommendation tool based on Amazon reviews.
* A MEAN stack image gallery- [Click](https://brownart.herokuapp.com/)

**Licenses & Certifications**

* Getting Started with Python - University of Michigan
* Python Data Structures - University of Michigan
* Using Python to Access Web Data - University of Michigan
* Using Databases with Python - University of Michigan
* Capstone: Retrieving, Processing, and Visualizing Data with Python - University of Michigan
* Exploratory Data Analysis for Machine Learning - Coursera