

Priti Yadav

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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
- Cloud platforms: AWS
- Agile methodologies, Scrum
- Version control: Git, GitHub
- Requirement gathering and documentation: Business Analysis, Project Management
- Technical research and evaluation: Information Retrieval, Data Cleaning, Machine Learning
- Computer-based systems development: Full-stack Development, API development and Testing
- System maintenance and troubleshooting: Debugging, Technical Writing, Documentation

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](#)

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