**Jiten Shreshtha**Kitchener, ON **|** 416-857-9012 **|** [jitenshreshtha07@gmail.com](mailto:jitenshreshtha07@gmail.com)  
[LinkedIn](https://www.linkedin.com/in/jiten-shreshtha-23855521a/) **|** [Portfolio](http://54.236.204.125:5000/) | [GitHub](https://github.com/jitenshreshtha)

**Professional Summary**Full Stack Web Developer specializing in MERN stack with experience in building RAG-based AI applications with OpenAI API. Experienced in developing scalable, user-friendly applications with secure authentication, real-time communication, and AI-driven search. Strong background in Agile methodologies, collaborative development, and delivering clean, maintainable code.

**Technical Skills**

* Frontend: ReactJS, NextJS, JavaScript (ES6+), Tailwind CSS, GSAP, HTML5, CSS3
* Backend: NodeJS, ExpressJS, REST APIs, Socket.IO
* Database: MongoDB, Mongoose, MySQL, Firebase
* Tools & Platforms: Git, GitHub, Docker, AWS EC2, Figma, Postman, Trello board
* Other: JWT Authentication, OAuth2.0, Stripe Integration, Langchain, Vector Embeddings, OpenAI API, RAG systems, Agile/Scrum, CI/CD

**Experience**

* Full Stack Web Developer – Abhyam Robotics Institution of Business and Technology, ARIBT (Sep 2023 – Mar 2024) **|** Nepal
* Developed and deployed a School Management System (SMS) to digitize student, teacher, and administrative workflows.
* Implemented modules for attendance tracking, exam results, and fee management, reducing manual work by 60%.
* Built role-based dashboards (Admin, Teacher, Student) using MERN stack and JWT authentication.
* Integrated real-time notifications and improved UI/UX for seamless user adoption.
* Collaborated with faculty and IT staff to customize features according to institutional needs.
* Full Stack Web Developer – UNIIT Software Pvt. Ltd (Aug 2022 – Aug 2023) **|** Nepal
* Developed and deployed web applications for clients across hospitality and public services.
* Restaurant system: Installed and configured software to streamline operations, improving service efficiency for staff and enhancing customer experience.
* Drinking Water & Sanitation Organization: Implemented a web-based management system that digitized committee operations, improved accessibility for 500+ consumers, and supported real-time data management.
* Collaborated with cross-functional teams and clients to ensure smooth software deployment and adoption.
* Contributed to ongoing maintenance, bug fixes, and feature enhancements in Agile sprints.

**Projects**

* AskPDF – AI-powered RAG Web App (2025) [GitHub](https://github.com/jitenshreshtha/ask-pdf.git)
* Built a Retrieval-Augmented Generation (RAG) web app using MERN Stack.
* Implemented PDF parsing functionality to extract document data.
* Integrated Langchain & OpenAI API for natural language processing for Q&A over PDFs, reducing user query handling time by 40%.
* Delivered accurate, context-based answers, reducing user’s reading time by 50%.
* ServX – Service Exchange Platform (Capstone Project, 2025) [GitHub](https://github.com/jitenshreshtha/ServX.git)
* Built a scalable skill/service exchange platform using the MERN stack.
* Implemented JWT & OAuth authentication, securing 100% user sessions.
* Integrated Stripe API for handling service payments.
* Developed real-time chat messaging using Socket.IO
* Collaborated with a 3-member Agile team with GitHub version control.
* NextJob – Job Hunting Platform (2025) [GitHub](https://github.com/jitenshreshtha/nextJob.git)
* Developed a job portal where users can search for jobs and businesses can post listings.
* Implemented JWT-based authentication and secure CRUD operations.
* Enhanced job search using vector embeddings + OpenAI API for semantic keyword search, improving search accuracy by 35% over keyword-based matching.
* Designed a responsive, user-friendly frontend with React.

**Education**

* Conestoga College - Kitchener, Canada

**Postgraduate- Web Development May 2024- Aug 2025**

* Lumbini Engineering College - Rupandehi, Nepal

**Bachelor’s in Computer Engineering Aug 2016- Nov 2022**

**Certification**

* **Docker Foundations Professional Certificate – Aug 2025**<https://www.linkedin.com/learning/certificates/a9be29ddf6b53c6936557b267d78bd7f80f9804b51bce0ca683aec777f3e7863?trk=share_certificate>