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## Professional Summary

Full Stack Web Developer specializing in the MERN stack with expertise in building RAG-based AI applications and integrating OpenAI-powered solutions. 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, Redux, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3  
- Backend: NodeJS, ExpressJS, REST APIs, Socket.IO  
- Databases: MongoDB, Mongoose, MySQL, Firebase  
- Tools & Platforms: Git, GitHub, Docker, AWS, Figma, Postman  
- Other: JWT Authentication, OAuth 2.0, Stripe Integration, LangChain, Vector Embeddings, OpenAI API, RAG systems, Agile/Scrum, CI/CD

## Education

Postgraduate Certificate – Web Development  
Conestoga College, Kitchener, ON  
May 2024 – August 2025  
  
Bachelor of Computer Engineering  
Lumbini Engineering College, Nepal  
Graduated: 2023

## Projects

### ServX – Service Exchange Platform (Capstone Project, 2025)

[GitHub Link]

- Built a scalable skill/service exchange platform using MERN stack.  
- Implemented JWT & OAuth authentication for secure logins.  
- Integrated Stripe API for handling service payments.  
- Developed real-time chat messaging using Socket.IO.  
- Collaborated in a 3-member Agile team with GitHub version control.

### NextJob – Job Hunting Platform (2025)

[GitHub Link]

- Developed a job portal where users can search 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.  
- Designed a responsive, user-friendly frontend with React.

### AskPDF – AI-Powered RAG Web App (2025)

[GitHub Link]

- 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 Q&A over PDFs.  
- Delivered accurate, context-based answers in real time.

## Certifications

- AWS Cloud Practitioner – Amazon Web Services (In Progress)  
- Docker Essential Training – LinkedIn Learning (In Progress)