



- ✉ viveknathtiwari@smartdatainc.net
- 🌐 <https://www.linkedin.com/in/vivek-nath-tiwari-a27156262/>

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## PROFESSIONAL SUMMARY

MERN Stack Developer with specialized experience in AI/ML integration and scalable web applications. Proficient in developing full-stack solutions using **MongoDB, Express.js, React, and Node.js, alongside MySQL** database management. Strong foundation in **Machine Learning**, including **Deep Learning (CNN, NLP), data preprocessing, and feature engineering**. Adept at implementing CI/CD pipelines, utilizing cloud services like Azure, and working within Agile environments to deliver high-quality, enterprise-grade software.

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## TECHNICAL SKILLS

### MERN Stack & Core Tech:

- **Languages:** JavaScript, TypeScript, Node.js, Python
- **Frameworks:** React.js, Next.js, Express.js
- **AI/ML:** Machine Learning, Deep Learning (DL), NLP, CNN
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Operating System:** Linux (Ubuntu)

### Frontend Technologies

- HTML5, CSS3, JavaScript
- React.js, Next.js, TypeScript
- WordPress

### Backend & Architecture

- MVC Architecture
- RESTful API Development & Documentation
- Object-Oriented Programming (OOP)
- Authentication & Authorization (JWT, RBAC)

## DevOps & Cloud

- Azure
- CI/CD Pipeline Basics
- CI/CD Basics
- Git, GitHub

## Tools & Utilities

- Git, Jira
- Postman, Swagger
- phpMyAdmin
- JSON
- Cursor
- windsurf

## Additional Skills

- API Security
- Debugging & Performance Optimization
- Data Preprocessing & Feature Engineering
- Debugging & Performance Optimization

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# PROFESSIONAL EXPERIENCE

## SmartData Enterprises – Full Stack Developer

**Oct 2025 – Present | Mohali**

- Developing and maintaining scalable web applications using the MERN stack (**MongoDB, Express, React, Node.js, MySql**).
  - Integrating **AI/ML models** into web platforms, focusing on **data preprocessing** and **feature engineering**.
  - Collaborating with cross-functional teams in an **Agile/Scrum environment** using Jira for task tracking.
  - Managing code repositories and version control using Git and GitHub.
  - Documenting and testing **RESTful APIs** using Swagger and Postman.
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# PROJECTS

## EmpowerCare – US-based Healthcare Project

**Role:** Frontend Developer

**Description:**

A US-based client project focused on streamlining healthcare services and resource management. The platform provides a user-friendly interface for healthcare providers to manage patient care and staffing efficiently.

**Responsibilities:**

- Developed and maintained responsive frontend modules using **React** and **TypeScript**.
- Collaborated on the architectural design of the UI to ensure seamless user navigation and performance.
- Integrated frontend components with existing APIs to ensure real-time data synchronization.

**Tech Stack:**

React, TypeScript, JavaScript, CSS3

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## Cozyspace – E-commerce/Property Management Platform

**Role:** Full Stack Developer

**Description:**

A Kuwait-based project designed to offer a comprehensive solution for space management and client interactions. The system bridges the gap between service providers and end-users with robust backend logic and a dynamic frontend.

**Responsibilities:**

- Engineered end-to-end features using the **MERN stack(MySQL)**, ensuring high scalability and security.
- Developed robust backend services with **Node.js** and **Express.js**, managing data flow with **MySQL**.
- Built type-safe frontend components using **TypeScript** and **React** for improved maintainability.
- Performed rigorous API testing and documentation using **Swagger** and **Postman** to ensure seamless integration between frontend and backend.

**Tech Stack:**

Node.js, Express.js, React, TypeScript, MySQL

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## EmpowHER – Community & Empowerment Platform

**Role:** Backend Developer

**Description:**

A specialized healthcare platform designed to assist women throughout their pregnancy journey. The application enables users to monitor health metrics, manage pregnancy milestones, and securely share updates and progress with their partners.

**Responsibilities:**

- Designed and implemented secure backend APIs using **Node.js** and **Express.js** to handle user data and partner-sharing features.
- Utilized **Postman** for endpoint testing and **Swagger** for comprehensive API documentation.
- Created and customized the project landing page using **WordPress** to provide an engaging and supportive user experience.
- Optimized database queries and API response times for enhanced platform performance and data reliability.

**Tech Stack:**

Node.js, Express.js, WordPress, MySQL

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## EDUCATION

**Master of Computer Applications (MCA)**

Lal Bahadur Shastri Institute of Management & Development Studies (2023 – 2025)

Score: 84.7%

**Bachelor of Computer Applications (BCA)**

Patna College, Patna University, Patna, Bihar(2019-2022)

Score: 83.21%

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## COURSES & CERTIFICATIONS

- Full Stack Developer Training – karvatech Solution, Lucknow
- Python Training – Softpro India Computer Technologies (P) Ltd.