

# Sujan Kumar K

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sujan-kumar-k-portfolio.netlify.app

## Professional Summary

Full Stack Developer with expertise in MERN stack and AI integration. Proven experience developing scalable web applications with strong problem-solving skills and focus on performance optimization and user-centric design.

## Technical Skills

**Frontend:** React, JavaScript (ES6+), HTML5, CSS3, Responsive Design

**Backend:** Node.js, Express.js, RESTful APIs, PHP, Flask

**Database:** MongoDB, MySQL

**AI/ML:** Machine Learning, Python

**Tools:** Git/GitHub, Postman, VS Code, JWT Authentication

## Projects

### Calm Care - AI-Powered Mental Health Platform

*Technologies: Node.js, Express, Python Flask, NLP, Machine Learning*

- Developed intelligent chatbot using advanced NLP algorithms for personalized PTSD patient support
- Implemented ML models for real-time symptom severity assessment with 85% accuracy
- Designed a robust backend architecture with secure APIs and scalable deployment features
- Integrated therapy session workflows offering guided support based on mental health evaluations

### Thoughts and Threads - Full Stack Blog Platform

*Technologies: MongoDB, Express.js, React, Node.js (MERN Stack)*

- Built comprehensive content management system with advanced user engagement features
- Implemented secure JWT authentication with role-based access control and session management
- Optimized database queries achieving 40% improvement in page load performance
- Developed dynamic API endpoints for seamless user posts, comments, and interaction management

### Local Goods - E-commerce Solution

*Technologies: PHP, MySQL, JavaScript, Responsive Design*

- Engineered robust e-commerce platform enabling local businesses to establish online presence
- Developed advanced product categorization with intelligent filtering and search functionality
- Created responsive, cross-platform interface supporting desktop and mobile commerce
- Implemented secure payment processing integration and comprehensive order management workflows

## Education

### Shri Madhwa Vadiraja Institute of Technology & Management

*Bachelor of Engineering - Computer Science and Engineering*

2022-2026

**CGPA: 9/10**

### Viveka PU College, Kota

*Higher Secondary Education - Science Stream*

2020-2022

**97.66%**

## Career Objective

Seeking a challenging Full Stack Developer position to leverage expertise in modern web technologies, AI integration, and scalable system design while contributing to innovative projects in a dynamic technology environment.