

# Shivam Kumar

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LinkedIn

GitHub

Portfolio

## Professional Summary

Full Stack Developer (MERN) and Technical Educator with 2+ years of experience building scalable web applications and upskilling 150+ students. Demonstrated success in: Developing full-stack solutions with 40%+ performance optimization. Delivering technical training with 90%+ satisfaction rates

## Technical Proficiency

<b>Frontend:</b>	React.js, Redux, JavaScript, HTML5, CSS3, Bootstrap, Tailwind CSS
<b>Backend:</b>	Node.js, Express.js, REST APIs, GraphQL, Microservices, JWT, Passport.js
<b>Databases:</b>	MongoDB (Atlas, Mongoose), MySQL, PostgreSQL
<b>Tools:</b>	Git, GitHub Actions
<b>Testing:</b>	Jest, Postman, React Testing Library

## Professional Experience

### Aspirevision Tech Education Pvt. Ltd.

Feb 2023 - Nov 2023

Full Stack Development Trainer (MERN Stack)

- Curriculum Development:** Designed 24-week intensive program covering React, Node.js, and MongoDB, adopted by 3 batches with **90% completion rate** (industry average: 75%)
- Project Mentorship:** Guided students through 20+ production-grade projects including e-commerce platforms and SaaS applications, with **10+ deployed solutions**
- Technical Leadership:** Conducted 50+ hands-on workshops on modern web development practices including responsive design and API integration

### PMI College / OASS Inter College

Apr 2022 - Dec 2022

Computer Science Instructor (via Niktech Solutions)

- Digital Transformation:** Modernized computer lab infrastructure supporting **100+ students**, reducing system downtime by **40%**
- Curriculum Innovation:** Developed interactive coding modules that improved test scores by **20% YoY**
- Student Outcomes:** Achieved **90% pass rate** in board examinations through personalized coaching

## Technical Projects

### Wanderlust - Travel Booking Platform

GitHub — Live Demo

- System Architecture:** Built full-stack platform with property listings, booking system, and user reviews handling **100+ daily users**
- Performance:** Optimized MongoDB queries reducing API latency by **40%** through indexing and aggregation pipelines
- Security:** Implemented JWT authentication with rate limiting (100 requests/min) preventing brute force attacks
- UI/UX:** Developed responsive interface with React hooks and context API, improving mobile conversion by **25%**

### Cleen Foundation - NGO Management System

GitHub — Live Demo

- Payment Integration:** Implemented PayPal/Stripe processing **50+ monthly donations** with 99% uptime
- Admin Dashboard:** Built React-based CMS reducing content update time from **2 hours to 30 minutes** weekly
- Data Visualization:** Created volunteer tracking system improving resource allocation efficiency by **35%**

## Education

### Master of Computer Applications (MCA)

2024 - Present

Banaras Hindu University

CGPA: 7.70/10.0

### Bachelor of Computer Applications (BCA)

2019 - 2022

Signa Institute of Professional Studies

68%

## Certifications & Achievements

- MERN Stack Certification** - Apna College (2024)