

# Shivam Kumar

shivam2593479@gmail.com

+91 8400059051

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

|            |  |
|------------|--|
| Frontend:  | React.js, Redux, JavaScript, HTML5, CSS3, Bootstrap, Tailwind CSS        |
| Backend:   | Node.js, Express.js, REST APIs, GraphQL, Microservices, JWT, Passport.js |
| Databases: | MongoDB (Atlas, Mongoose), MySQL, PostgreSQL                             |
| Tools:     | Git, GitHub Actions  |
| Testing:   | 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  
Sigra Institute of Professional Studies 68%

## Certifications & Achievements

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