

# Vishal Kumar Singh

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Bangalore, Karnataka, India

## PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with hands-on experience building scalable web applications using Next.js, Node.js, and MongoDB. Proven ability to deliver responsive UIs, RESTful APIs, authentication systems, and payment integrations. Experienced in basic system design concepts, API integration, production deployment, and debugging production-ready features. Seeking to leverage technical skills and problem-solving abilities in a Software Engineer role.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, SQL, HTML5, CSS3

**Frontend:** Next.js, React.js, Tailwind CSS, Responsive Design, UI/UX Implementation

**Backend:** Node.js, Express.js, RESTful APIs, Authentication (JWT, OAuth)

**Databases:** MongoDB, Mongoose ODM, Database Design

**Tools & Technologies:** Git, GitHub, Vercel, Agile/Scrum, Performance Optimization

**Engineering Concepts:** Basic System Design, API Integration, Production Deployment, Scalable Applications, Debugging & Testing

## PROFESSIONAL EXPERIENCE

### Software Developer Intern

Sarthak Tech

Feb 2025 – Aug 2025

Varanasi, Uttar Pradesh, India

- Developed responsive and performant user interfaces using React.js, Next.js, and Tailwind CSS.
- Built and integrated RESTful APIs handling authentication, validation, and error management.
- Assisted in basic system design discussions, API integration, and production deployment of scalable web applications.
- Performed debugging, testing, and performance optimization to ensure stable and production-ready features.
- Created reusable components reducing code duplication by 40%.
- Optimized UI/UX performance and ensured cross-browser compatibility.
- Collaborated using Git/GitHub within Agile sprint cycles and code reviews.
- Assisted in MongoDB schema design and optimized database queries.

## TECHNICAL PROJECTS

### Job-Hive | Next.js, TypeScript, MongoDB, Tailwind CSS

Live

- Full-stack job portal with authentication, job posting, search, and application tracking.
- JWT-based authentication and role-based access control.
- RESTful APIs for job and user management.
- Optimized queries improving search performance by 50%.

### Dizit Solution | Next.js, Node.js, Express.js

Live

- Business service platform with payment gateway integration.
- Admin dashboard for analytics and user management.
- Responsive UI built with Tailwind CSS.
- Integrated third-party APIs for payments and notifications.

### ByteCode | React.js, Node.js, MongoDB

Live

- Coding education platform with interactive learning features.
- Backend APIs for content, users, and progress tracking.
- Optimized performance using lazy loading and code splitting.

## EDUCATION

### Microtek College of Management & Technology Institutions

Varanasi, India

Bachelor of Computer Applications (BCA)

2022 – 2025

- Relevant Coursework: Data Structures, Database Management Systems, Web Technologies, Software Engineering