

# VINAY KUMAR

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## PROFESSIONAL SUMMARY

Computer Applications graduate with hands-on experience in web development using React, Node.js, and MongoDB. Seeking an entry-level web developer role to apply foundational skills and continue learning in a professional environment.

## EDUCATION

<b>Indian Institute of Business Management</b>	Patna, India
<i>Bachelor of Computer Applications – CGPA: 8.49/10</i>	2022 – 2025
<b>S.K. College Lohanda</b>	Jamui, India
<i>Higher Secondary Certificate – Percentage: 76%</i>	2020
<b>Janta High School Satayan</b>	Jamui, India
<i>Matriculation – Percentage: 65.2%</i>	2018

## TECHNICAL SKILLS

- Languages:** Java, JavaScript  
**Frontend:** React.js, Tailwind CSS  
**Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication  
**Databases:** MongoDB, SQL  
**Cloud & DevOps:** AWS, Digital Ocean, Git, GitHub, Linux, Cloudinary

## PROJECTS

<b>Full-Stack Blog Platform</b>   <i>React, Node.js, Express, MongoDB, Cloudinary, Mailgun</i>	2025
<ul style="list-style-type: none"><li>Built production blog platform with JWT authentication, email verification, and role-based access control (Admin, Author, User roles)</li><li>Implemented markdown editor with LaTeX math support, image cropping, auto-save, and Cloudinary integration for media storage</li><li>Developed nested comment system with @mentions, real-time notifications (30s polling), likes functionality, and social engagement features</li><li>Optimized performance with React.memo, debounced API calls (300ms), response caching (5min expiry), and AbortController for request cancellation</li></ul>	
<b>Course Selling Platform</b>   <i>Node.js, Express, MongoDB, JWT, Cloudinary</i>	2025
<ul style="list-style-type: none"><li>Built secure backend with JWT authentication and role-based routing for Admin and Student users with data security measures</li><li>Created RESTful API suite for course CRUD operations, purchase tracking, and metadata management with validation and error handling</li><li>Integrated Cloudinary for optimized media storage and delivery with automated transformations for course content assets</li></ul>	

## CERTIFICATIONS

- AWS Academy Graduate - Cloud Foundations | JavaScript Essentials (Cisco)

## KEY COMPETENCIES

- RESTful API Development | Database Design | Performance Optimization | Problem Solving | Team Collaboration | Time Management