

VINAY KUMAR

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PROFESSIONAL SUMMARY

Motivated Computer Applications graduate with practical development experience seeking an entry-level software role to contribute technical abilities, collaborate effectively with teams, and grow in a dynamic technology environment.

EDUCATION

Indian Institute of Business Management <i>Bachelor of Computer Applications – CGPA: 8.49/10</i>	Patna, India 2022 – 2025
S.K. College <i>Intermediate (12th Standard) – Percentage: 76%</i>	Lohanda, Jamui, India 2020
Janta High School <i>Matriculation (10th Standard) – Percentage: 65.2%</i>	Satayan, Jamui, India 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
Tools: Postman, Mailgun

PROJECTS

- Full-Stack Blog Platform** | *React, Node.js, Express, MongoDB, Cloudinary, Mailgun* 2025
- Built production blog platform with JWT authentication, email verification, and role-based access control (Admin, Author, User roles)
 - Implemented markdown editor with LaTeX math support, image cropping, auto-save, and Cloudinary integration for media storage
 - Developed nested comment system with @mentions, real-time notifications (30s polling), likes functionality, and social engagement features
 - Optimized performance with React.memo, debounced API calls (300ms), response caching (5min expiry), and AbortController for request cancellation
- Course Selling Platform** | *Node.js, Express, MongoDB, JWT, Cloudinary* 2025
- Built secure backend with JWT authentication and role-based routing for Admin and Student users with data security measures
 - Created RESTful API suite for course CRUD operations, purchase tracking, and metadata management with validation and error handling
 - Integrated Cloudinary for optimized media storage and delivery with automated transformations for course content assets

CERTIFICATIONS

AWS Academy Graduate - Cloud Foundations | JavaScript Essentials (Cisco) | Certificate in Banking, Finance & Insurance (Bajaj Finserv)

KEY COMPETENCIES

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