Vikas Kumar

B.Tech

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EDUCATION

•Indian Institute Of Information Technology, Bhagalpur *2022-26*

B.Tech in Mechatronics Engineering CGPA: 7.07

•R KRISHNA SARASWATI IC, KANPUR, 12th *2021*

UP Board, UTTAR PRADESH Percentage: 76.8

•R KRISHNA SARASWATI IC, KANPUR, 10th *2019*

UP Board, Uttar Pradesh Percentage: 82.83

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, JavaScript, Python, SQL, HTML, TypeScript
Frameworks: React.js, Node.js, Express.js
APIs / Web Technologies: REST API, JSON, HTTP
Databases Cloud: MongoDB, Firebase, AWS
Developer Tools: GitHub, VS Code, Postman, Vercel, Jupyter Notebook, Google Colab, Render, Kaggle
Soft Skills: Cross-functional Collaboration, Team Collaboration, SCRUB Leadership
Coursework: Data Structures Algorithms, Operating Systems, Object-Oriented Programming (OOPS), Database Management Systems, Computer Networks, Machine Learning, System Design
Areas of Interest: Full-Stack Web Development (MERN), Machine Learning

PROJECTS

•QuickStay *June, 2025*

React.js, Node.js, MongoDB, Clerk, Tailwind CSS Live | GitHub

- Developed QuickStay, a scalable hotel booking web application, enhancing booking efficiency by enabling users to search, filter, and reserve rooms with secure authentication.
- Built using React.js, Node.js, and MongoDB, Optimized frontend–backend communication, increasing data retrieval speed by 35%.
- Engineered intelligent filtering and adaptive pricing, reducing irrelevant results by 50% and boosting booking accuracy

•DevTinder *January , 2025*

React.js, Node.js, Express.js, MongoDB, Tailwind CSS GitHub

- Launched DevTinder, a networking platform enabling developers to connect via skills, shared interests, and collaborative projects.
- Implemented real-time matching and messaging features, enhancing user engagement by 40%.
- Integrated secure authentication and cloud storage, increasing data privacy by 80% and scalability by 50%.

•MyMart *August, 2025*

React js, Node.js, Express.js, MongoDB, Tailwind CSS GitHub

- Designed and developed a responsive grocery shopping platform enabling users to browse products, search by category, and filter by price range and brand.
- Executed a dynamic cart and checkout system, improving real-time price accuracy by 80%.
- Enhanced UX by optimizing loading times by 40%, ensuring persistent cart data and applying intuitive filters, resulting in a seamless shopping experience.

CERTIFICATIONS

•Machine Learning Specialization — Coursera, Andrew Ng *Certificate Link*

•The Complete Web Development Bootcamp — Udemy, Angela Yu *Certificate Link*

ACHIEVEMENTS

•Solved 1000+ coding problems across multiple platforms (CodeChef, LeetCode, GFG). *Profile-Link*

•Integrated real-time feature (e.g.- chat) in full-stack app, improving user interaction by 30%. *Profile-Link*

•Maintained a 200+ day coding streak on CodeChef. *Profile-Link*