Avinash Kumar

Computer Science and Engineering
Bachelor of Technology
Nalanda College of Engineering, Chandi

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 GitHub Profile
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EDUCATION

•**Nalanda College of Engineering, Chandi** *2020 - 2024*
Bachelor of Technology in Computer Science and Engineering CGPA: 7.96
  – Relevant Coursework: Data Structures, Operating Systems, Database Management Systems

•**MLT College Saharsa** *2017 - 2019*
Bihar School Examination Board Percentage: 81.4%

PROJECTS

•**Brainly** *React.js,Tailwind CSS,Node.js,Express.js,MongoDB,JWT* Code | Nov 2024 - Dec 2024
  – Designed and implemented Brainly, a web application serving as a "second brain" to organize and store videos, links, and notes, enhancing resource management and accessibility.
  – Added features such as search functionality, custom categorization,reducing the time spent organizing and retrieving resources by 40% compared to manual methods.
  – Delivered a responsive and secure platform with features like user authentication, ensuring privacy and accessibility across devices.
  – Achieved platform uptime of 99.9% through optimized hosting on Vercel and Render. (https://brainly-100xdevs.vercel.app/).

•**EduNova** *React.js,Node.js,Express.js,MongoDB,JWT,Razorpay,Nodemailer* Code | Jan 2024 - July 2024
  – Developed an intuitive course marketplace enabling students to explore and purchase over 100 diverse courses tailored to personal interests, enhancing user engagement by ensuring relevant content discovery.
  – Architected a dashboard interface for instructors, streamlining course management processes and increasing student retention rates by 20% through enhanced course material accessibility and progress tracking features
  – Established a centralized platform where instructors could list new offerings while students accessed videos, assignments, and resources from one location; reduced time spent searching for materials by approximately five hours weekly per user.
  – Achieved platform uptime of 99.9% through optimized hosting on Vercel and Render (https://edunova-frontend.vercel.app/).

•**Random GIF Generator** *React, Tailwind CSS* Code | Feb 2023 - Feb 2023
  – Automated the process of fetching GIFs from a third-party API in response to user input; streamlined the workflow for customer service agents, saving an estimated 10 hours per week in manual search efforts.
  – Hosted on Vercel (https://random-gif-generator-zeta.vercel.app/).

•**Weather App** *HTML, CSS, JavaScript* Code | Jan 2023 - Jan 2023
  – Built a weather web app that fetches accurate and real-time weather information for over 200,000 cities, achieving data retrieval in under 2 seconds on average.
  – Simplified instant weather updates based on the user's current location, reducing manual search time by 30% and improving user engagement by 20%.
  – Hosted on Netlify (https://weatherapp-avi.netlify.app/).

TECHNICAL SKILLS AND INTERESTS

Languages: C++,JavaScript,TypeScript
Libraries : C++ STL, ReactJs, TailwindCSS
Web Dev Tools: Nodejs,Postman, VScode, Github
Frameworks: ExpressJs
Databases and ORM:Mongoose,MongoDb,PostgreSQL,Prisma

POSITIONS OF RESPONSIBILITY

•**Mathematics Teacher,** CHIRAG - NCE, Chandi *Mar 2021 - April 2024*
  – Non-profit organization founded by NCE students to educate unprivileged children in Chandi, Bihar
  – Improved academic performance for 50+ underprivileged students, with 30% scoring higher in exams.

•**Lead Co-ordinator of Art Club** NCE, Chandi *Feb 2022 - April 2024*
  – Initiated collaborative projects within the Art Club leading to ten unique skill-development sessions attended by diverse groups exceeding 200 aspiring artists, fostering community creativity while sharpening individual talents.
  – Led a team of 50 members to design a visually stunning campus for the annual festival, appreciated by 90% of the participants in the surveys.