

# Avinash Kumar

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## Education

Nalanda College of Engineering, Chandi (Nalanda)

2020 – 2024

Bachelor of Technology in Computer Science

CGPA: 7.94

## Experience

Yatri cabs

Nov 2024 – Apr 2025

Frontend Developer Intern

Remote

- Built responsive and scalable web applications using **React.js** and **MERN stack**.
- Followed best practices to write clean, maintainable, and reusable code, reducing bugs by 20%.
- Improved web application performance by optimizing **React components** and implementing state management using **Redux**.
- Created a manual billing page from the admin panel.

## Projects

[Brainly- A Second Brain App](#) | *React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT*

[Code](#)

- Built a responsive **React.js** application for organizing videos, links, and notes, reducing resource management time by 40%.
- Optimized backend performance using **Node.js** and **MongoDB**, ensuring seamless data retrieval and storage.
- Delivered a responsive and secure platform with features like user authentication, ensuring privacy and accessibility across devices.
- Integrated advanced UI designs with **Tailwind CSS** to enhance user experience and engagement.
- Achieved 99.9% platform uptime by deploying the app using **Vercel** and **Render**.

[EduNova](#) | *React.js, Node.js, Express.js, MongoDB, JWT, Razorpay, Nodemailer*

[Code](#)

- Developed a course marketplace using **React.js** and backend technologies like **Node.js** and **Express.js**.
- Enabled secure transactions using **Razorpay integration** and implemented email notifications with **Nodemailer**.
- 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.
- Enhanced user engagement with personalized course recommendations and a responsive design using **Tailwind CSS**.
- Achieved platform uptime of 99.9% through optimized hosting on Vercel and Render.

[Weather App](#) | *HTML, CSS, JavaScript*

[Code](#)

- Built a real-time weather application using **JavaScript**, fetching data for over 200,000 cities with <2-second response times.
- Integrated location-based weather updates using browser **Geolocation API**, improving user engagement by 20%.
- Designed a minimal and intuitive UI for seamless user interaction, improving overall usability.
- Ensured high reliability with a consistent platform uptime of 99.9% through robust hosting on **Netlify**.

## Technical Skills

- Programming:** C++
- Frontend Development:** React.js, HTML/CSS, Tailwind CSS
- State Management:** Redux
- Backend Development:** Node.js, Express.js
- Databases and ORMs:** MongoDB, Mongoose
- Version Control:** Git, GitHub

## Coding Profiles & Achievements

- Solved over 400 problems on [LeetCode](#) and [GeeksForGeeks](#)