

RATNESH KUMAR PRAJAPATI

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Profile

- Results-driven **Full-Stack Web Developer** with expertise in **React.js**, **Node.js**, **Express.js**, and **MongoDB**, focused on creating scalable and responsive web applications.
- Proficient in **RESTful API** design, **cloud deployments** (AWS, Render), and **Agile development**, ensuring efficient project delivery and robust solutions.

Education

Abes Institute of Technology, Ghaziabad

B.Tech in Computer Science & Engineering (Data Science)

2021 - 2025

Ghaziabad, IN

B.S.S Public School, Rae Bareli

Intermediate (12th)(88.6)

2019 - 2020

Rae Bareli, IN

Projects

StudyPoint

- Developed a full-stack educational platform using **React.js**, **Node.js**, **Express.js**, and **MongoDB**, improving course accessibility for over 5,000 students.
- Implemented **JWT authentication** for secure user access, reducing security risks by 15% and ensuring role-based control.
- Deployed the frontend on **Vercel** and the backend on **Render**, ensuring smooth scalability and continuous deployment.

Botanix Pro Frontend

- Built a responsive, mobile-friendly botanical e-commerce platform using **React.js** and **Redux**, increasing mobile user traffic by 25%.
- Integrated **REST APIs** for dynamic product filtering and real-time inventory updates, improving user experience and reducing load times by 20%.
- Optimized performance using **Lighthouse** tools, achieving a 90%+ score in page load speed and user experience.

E-commerce

- Developed a comprehensive e-commerce website using **React.js**, **Node.js**, and **MongoDB**, handling secure user authentication and seamless product management.
- Implemented **Stripe** for secure payments, ensuring PCI compliance and improving transaction success rate by 10%.
- Designed a user-friendly **shopping cart** with persistent sessions, increasing conversion rates by 12%.

Experience

Web Developer and Design Intern

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Ghaziabad, IN

- Learned and applied web development skills including **HTML**, **CSS**, and **JavaScript** to develop and design websites.
- Acquired advanced skills in web development through practical projects and hands-on experience.

Technical Skills

Languages: JavaScript, TypeScript, Python, C, C++

Frontend: HTML5, CSS3, React.js, Next.js, Bootstrap, Tailwind CSS

Backend: Node.js, Express.js, RESTful APIs

Databases: MongoDB, MySQL, PostgreSQL

Version Control: Git, GitHub

DevOps: Docker, AWS, Render

Tools: VS Code, Postman, Figma

Certifications

- Web Development Bootcamp [MERN Stack]
- Full Stack Web Development
- AWS Academy Graduate - AWS Academy Cloud Foundations