Ritik Kumar

Full Stack Developer | Master of Computer Application | VIT BHOPAL

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PROFESSIONAL SUMMARY

Full Stack Developer with 2+ years of experience in designing, developing, and maintaining scalable web and mobile applications. Proficient in modern technologies including React.js, Next.js, Node.js, NestJS, and React Native. Experienced in building RESTful APIs, implementing secure authentication mechanisms (JWT), and optimizing performance with MongoDB. Skilled in deploying applications on cloud platforms such as AWS (EC2, S3) and working in Agile/Scrum environments. Committed to writing clean, maintainable code and delivering high-quality, user-focused solutions.

Skills

Language: HTML5, CSS3, JavaScript (ES6+), TypeScript, Java, C++

Frontend: React.js, Next.js, Redux, Tailwind CSS

Backend: Node.js, NestJS, Express.js

Mobile Development: React Native

Databases: MongoDB, SQL

Tools: Postman, Git, AWS (EC2, S3), Agile/Scrum

Work Experience

Full Stack Developer, ALPHECH GLOBAL PRIVATE LIMITED.   November 2023 – Present

- Developed and deployed scalable **web and mobile applications** using **React.js**, **Next.js**, **NestJS**, and **MongoDB**.
- Improved backend efficiency by 20% through optimized **MongoDB queries** and better **API performance**.
- Collaborated with cross-functional teams including **UI/UX designers**, **QA engineers**, and **product managers** to deliver high-quality features on tight deadlines.
- Conducted regular **code reviews**, debugging sessions, and integrated best practices for **CI/CD** deployment.
- Implemented **JWT-based authentication** and followed **RESTful API** standards to ensure secure and efficient communication.

Web Developer, Freelancer.   February 2023 – Nov 2023

- Delivered end-to-end solutions for various clients as a freelance developer.
- Built responsive web applications using **React.js** and developed RESTful APIs with **Node.js**.
- Worked directly with clients to gather requirements, design features, and deploy production-ready solutions.
- Notably contributed to the **Global Academy of Doctorates** web platform, fostering academic collaboration.
- Designed clean and user-friendly web pages to improve usability and client satisfaction.

Live Projects

Nicotex Begin (Smoking Cessation App) [Link]

- Developed a cross-platform mobile application using **React Native** and **NestJS** to assist users in quitting smoking.
- Integrated **Nicotine Replacement Therapy (NRT)** options like gums, patches, and lozenges for personalized user support.
- Implemented behavioral therapy modules and expert counseling features to enhance user engagement and retention.
- Optimized performance through **lazy loading**, efficient **API integration**, and **dynamic data rendering**.
- Designed interactive features including daily health tracking, exercises, and a progress dashboard.
- **Technologies** : React Native, NestJS, PostgreSQL

Sugamya Bharat (Government Web Platform) [Link]

- Contributed to a national digital accessibility initiative by developing a government-compliant web portal.
- Built scalable and accessible web interfaces using **React.js**, **Node.js**, and **MongoDB**.
- Integrated RESTful APIs for issue tracking, resolution management, and real-time reporting features.
- Improved platform responsiveness and load times through **code optimization** and **performance tuning**.
- **Technologies** : React.js, Node.js, MongoDB.

Global Academy of Doctorates (Web Platform) [Link]

- Developed a collaborative networking platform for PhD scholars using **Next.js**, **NestJS**, and **MongoDB**.
- Designed and implemented **user authentication**, **profile management**, and secure data handling workflows.
  responsive UI/UX components that adapt across devices to improve accessibility and engagement.
  Enabled scalable community features to facilitate research sharing, academic discussion, and profile visibility.
- **Technologies** : Next.js, NestJS, MongoDB

Education

Vellore Institute of Technology & Engineering, Bhopal, Master of Computer Application	Aug 2022 – July 2024
Nalanda College, Bihar Sharif, Bachelor of Computer Application	Sept 2019 – July 2022

Additional Information

Hobbies: Playing cricket, Dance, Cooking Meals