

Aayush Singh

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Portfolio/aayush

Objectives

A passionate and detail-oriented MERN Stack Developer with a deep understanding of React, Node.js, Express, and MongoDB. Adept at building dynamic, scalable, and user-friendly web applications with seamless frontend-backend integration. A 2024 B.Tech graduate, eager to innovate, solve complex challenges, and contribute to impactful digital experiences.

Experience

Oasis Infobyte | Web Development Intern Remote

(July - August 2023)

- Developed and optimized responsive web applications using **HTML**, **CSS**, **JavaScript**, and **React.js**.
- Implemented interactive UI components, improving user engagement and experience.
- Worked on multiple projects, ensuring clean code structure and industry best practices.
- Gained hands-on experience in debugging, performance optimization, and modern web technologies.
- Collaborated with a team to meet deadlines and deliver high-quality solutions within the given timeframe.

Projects

E-Commerce | Link

Nov 2024 - Present

- Working on a full-stack e-commerce platform using **Next.js**, **React.js**, **Node.js**, **Express.js**, and **MongoDB**.
- Built a dynamic **admin dashboard** for managing products, orders, and users, alongside an intuitive storefront for customers.
- Developed user registration & login, add-to-cart functionality, search, and category/price-based filters to enhance usability.
- Implemented **secure authentication**, including **Google OAuth**, for seamless user access.
- Designed an **attractive UI/UX** with responsive layouts for a smooth shopping experience.
- Technologies Used:** Next.js, React.js, Node.js, Express, MongoDB, Axios, JavaScript, CSS, and Cloudinary for cloud storage.

Youtube Clone | Link

Aug 2024 - Nov 2024

- Built and deployed a dynamic video streaming platform with **authentication**, **subscriptions**, and **video management** using **MERN** stack.
- Designed efficient **MongoDB** schemas, optimized queries, and implemented authentication using **JWT & bcrypt** for security.
- Implemented video uploads, streaming, likes, comments, and watch history, ensuring a smooth content-sharing experience.
- Integrated Cloudinary** for **cloud storage**, enabling efficient handling of video uploads, thumbnails, and other media files.
- Technologies Used:** React.js, Node.js, MongoDB, Mongoose, JWT, Axios, CSS, and Cloudinary for cloud storage.

Portfolio | Link

May 2023 - Aug 2023

- Developed a personal portfolio website showcasing projects, skills, and certifications in a well-structured and visually appealing layout.
- Designed a fully responsive and interactive UI with smooth transitions and animations, ensuring a seamless browsing experience across all devices.
- Implemented an organized project showcase with detailed descriptions and live links, allowing visitors to explore work efficiently.
- Successfully deployed on Vercel, ensuring fast loading times, scalability, and accessibility from any device.
- Technologies Used:** Developed using HTML, CSS, and JavaScript.

Achievements

- Secured 2nd position in Coding competition organised by RKGITM College.
- Solved 400+ DSA problems on LeetCode and GeeksForGeeks.
- Placed **2th Institute rank** on GeeksForGeeks with coding score of **2013**.

Technical skills

Languages: C++, JavaScript, HTML, CSS

UI/UX: Figma

Libraries & Frameworks: React.js, Next.js, Express.js.

Tools: Node.js, VS Code, Git/GitHub.

Database: MongoDB.

Education

Raj Kumar Goel Intitute of Technology & Management (Formaly RKGITM)

Nov 2020 - June 2024

Bachelor of Technology (Computer and Science Engineering)

CGPA: 7.4

Co-curricular Activities

- Actively participated in organizing and managing college cricket tournaments and events, ensuring smooth execution.
- Assisted in maintaining equipment and resources, supporting over 200+ participants throughout the events.
- Engaged in anchoring and hosting college programs, showcasing strong communication and public speaking skills.