MOHIT YADAV

Indore, Madhya Pradesh

📞 +91 9685453036   ✉️ mohit303600@gmail.com   in linkedin   github

Education

Jabalpur Engineering College	**November 2022 - June 2026**
Bachelor of Technology in Computer Science and Engineering	*CGPA 7.43/10*

Experience

Astute Lex Servicado	**September 2024 - Present**

Full Stack Developer

➢ **Collaborated in building dynamic, full-stack solutions**, integrating APIs and managing state efficiently with React hooks, which improved application performance by **25%**. Utilized Next.js API routes, leading to a **10%** increase in user satisfaction through seamless interactions.

➢ **Built and maintained scalable, reusable UI components** leveraging React and Next.js, reducing development time by **20%** and improving cross-browser compatibility and responsive design, increasing user engagement by **15%**.

➢ **Developed and optimized high-performance web applications using Next.js**, improving load times by up to **40%** with server-side rendering (SSR) and static site generation (SSG), which also boosted SEO rankings by **30%**.

Projects

StudyNotion | Full Stack EdTech Platform | *React.js, Node.js, Express.js, MongoDB* / **(Project Link)**

o **Developed StudyNotion**: comprehensive **educational technology (EdTech) platform** empowering users to **create, consume, and evaluate educational content**, resulting in a **25% increase in content interaction** and engagement.

o **Front-end Development**: Built a **responsive and dynamic UI** using **React.js, Redux**, and **Tailwind CSS**, optimizing **state management** and **component reusability**, leading to a **30% reduction in page load times** and improved user experience across devices.

o **Back-end Development**: Designed and implemented a scalable backend using **Node.js, Express.js**, and **MongoDB**, facilitating efficient **data management** and supporting **up to 15,000 concurrent users** without performance issues.

o **Cloudinary Integration**: Integrated **Cloudinary** for secure, scalable, and optimized media storage and delivery, reducing data storage costs by **20%** and improving media upload speeds by **35%**.

o **User Authentication and Security**: Leveraged **JWT-based authentication** for secure user login and **data protection**, reducing security incidents by **15%** and ensuring compliance with industry-standard security practices.

o **API Integration**: Built and consumed **RESTful APIs** for seamless data flow between front-end and back-end, ensuring a **smooth user experience** and fast **content delivery**.

Portfolio/ *React.js, TailwindCSS, Email.js* / **(Project Link)**

o **Frontend Development**: Designed and developed a visually engaging portfolio using **React.js** and **Tailwind CSS**, showcasing expertise in **3D graphics** and responsive design, resulting in a **25% increase in visitor interaction** through an optimized **UI/UX**.

o **Component Architecture & Navigation**: Implemented a modular **React Component Architecture** and **React Router** for smooth navigation, enhancing the user experience and ensuring a **maintainable, scalable codebase**.

o **API Integration**: Integrated **Email.js** for real-time email communication, improving contact form functionality and increasing response rates by **15%**. Utilized **Framer Motion** to enhance user engagement with responsive animations.

Dynamic Password Generator/ *HTML, CSS, Javascript*/ **(Project Link)**

o **Developed** a dynamic password generator using HTML, CSS, and JavaScript, showcasing proficiency in **frontend development** and creating user-friendly tools.

o **Implemented** advanced **JavaScript logic** to generate secure passwords based on user-defined parameters, enhancing **data security** and **user experience.**

o **Utilized CSS** for responsive design, ensuring seamless usability across various devices and screen sizes, improving **accessibility** and consistency.

Technical Skills

Frontend: React.js, Next.js, Tailwind CSS, HTML, CSS, JavaScript.

Backend: Node.js, Express.js, MongoDB, MySQL, C/C++, Python.

Development Tools: Git, Github, VS Code.

Core Subjects: Object Oriented Programming, Operating System, DBMS.

Profile Links

Leetcode   GeeksforGeeks

Achievements and Extra Curriculum

• **Led a team** to secure a **top 3 position** in the **Smart India Hackathon 2024**, out of 100 teams, showcasing leadership and problem-solving.

• **Solved 700+ coding problems** on **LeetCode** and **GFG**, demonstrating strong skills in **algorithms** and **data structures**.

• **Secured top 10** in the **Code Rumble 2.0 Hackathon** at **IIITDM Jabalpur** among 200 teams, showcasing coding expertise.