

Aman Singh Thakur

[GitHub](#)
[LinkedIn](#)

Personal Portfolio
amanthakur25cs@gmail.com

Work Experience

Perception Technologies

June 2023 – Present

Full Stack Developer

Indore, India

- Achieved a 20% boost in API integration, specializing in backend optimization and adept bug resolution for enhanced performance.
- Enhanced user experience through seamless frontend optimization, proficient in debugging for error-free and efficient interface functionality.
- Optimized MongoDB queries through indexing and aggregation, reducing database response times and improving scalability.
- Refined Node.js controllers for better performance and code maintainability, focusing on reducing complexity and improving response times.
- Explored Node.js clustering to enhance scalability and utilize multi-core processing, allowing for improved load handling and reliability.
- Established a successful track record in backend and frontend optimization, demonstrating skills as a reliable troubleshooter.

Projects

Ed-tech Platform

2023

MERN Stack Ed-Tech Platform

- Developed a dynamic MERN stack Ed-Tech platform for enriched learning experiences using MongoDB, Express.js, React.js, and Node.js.
- Integrated Stripe for secure transactions, ensuring a smooth payment process and enhancing platform credibility.

Live Weather

2023

Real-time Weather Updates

- Utilized JavaScript for accurate, real-time weather updates. Combined tech and meteorology for a seamless user experience.
- HTML, CSS, and JavaScript powered project, providing real-time weather updates and enhancing user interaction.

Random Password Generator

2023

Secure Password Generation

- Created a robust password generator using HTML, CSS, and JavaScript to generate strong and randomized passwords.
- Leveraged JavaScript for dynamic functionality, enhancing user data protection and online security.

Technical Skills

Languages: JavaScript, Java, C++, HTML, CSS

Libraries and Tools: ReactJs, NodeJs, TailwindCSS, ExpressJs, Material UI, Redux, Redux Toolkit

Others: MongoDB, Git, GitHub, Visual Studio, Jira, Responsive Design, MVC, Payment Integration

Education

Indore Institute Of Science And Technology, Indore, MP, India

B.Tech in CSE, 2020 – 2024

Delhi International Academy, Indore, MP, India

12th with PCM, 2019 – 2020

Delhi International Academy, Indore, MP, India

10th, 2017 – 2018

Certifications

MERN Stack by Code Help

C++ by SoloLearn