Mayank Gupta

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Technical Skills

Languages: Java, JavaScript,Python, C, C++.

Frameworks: Spring Boot,ReactJs, NodeJs, ExpressJs.

Technologies: MySQL , MongoDB.

Tools: Git, Github , Rest APIs.

Experience

Software Engineer Intern, Expelee – remote Feb 2024 – July 2024

- Engineered a fully responsive dashboard UI using React.js and CSS3, delivering consistent user experiences across desktop, tablet, and mobile platforms
- Implemented flexible layout systems with CSS Grid and Flexbox, reducing UI rendering issues across breakpoints by 80
- Enhanced accessibility by 95 percent through semantic HTML, ARIA roles, keyboard navigation, and responsive components
- Designed a modular React component architecture, enabling scalable and maintainable front-end development
- Integrated real-time metrics with Chart.js, improving data readability and business insight delivery
- Developed theme toggles (light/dark modes) and widget customization using local state and browser storage APIs
- Improved page load performance by 60 percent through image optimization, lazy loading, and CSS/JS minification

Achievements and Certifications

Expelee Honoured with certificate of recommendation. (Link) Aug 2024

National Science Project Competition - Participated in National Science day with the team and secured the position in Round 3. (Link) Feb 2024

IOT Workshop Attended an workshop on "Information Of Technology " organised by SKIT college. (Link) Dec 2022

Education

Swami Keshvanand Institute of Technology, Jaipur, B. Tech in Computer Science Sept 2021 – June 2025

- GPA: 7.6/10.0
- **Coursework:** Computer Architecture, Database Management System, Data structures and Algorithms

Projects

AI DIETICIAN – Frontend(React.js) [Link]

- Engineered a fully responsive, AI-powered diet recommendation platform using React.js, improving user engagement across devices by 90 percent.
- Built scalable UI components with React Hooks and functional components, reducing redundant code and improving maintainability by 60 percent.
- Optimized performance through code-splitting, lazy loading, and memoization, improving load time and rendering speed by 45 percent.

Weather Detection(Using API) [Link]

- Engineered a **real-time weather detection application** and improving data accuracy by **95%** through API integration.
- Integrated **OpenWeather API** to fetch live weather data, enhancing user experience by **80%**.
- Authored and Executed a **fully responsive UI**, ensuring seamless usability across devices and mobile compatibility .