

Nitin Semwal

Haridwar, Uttarakhand

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Education

Chandigarh University

Bachelor of Engineering in Computer Science CGPA - 7.89

Mohali , Punjab

Aug. 2022 – Present

Projects

Dressify | [Link](#) *MongoDB, Express, React JS, Node JS, Stripe, Tailwind CSS*

October 2024 – Present

- Developed a scalable e-commerce platform with over 50 products and integrated payment processing via Stripe API, enabling secure transactions and supporting up to 1000 daily users.
- Achieved a 40% reduction in page load times by optimizing product filtering, search functionality, and state management, resulting in improved customer engagement and retention.
- Built reusable, responsive components with Tailwind CSS and Redux, reducing development time and enhancing code reusability across multiple features.
- Secured application with JWT authentication and data validation and improving overall system security.
- Improved checkout and cart flow, reducing checkout abandonment rate by 25% through intuitive UI design and smooth payment experience.

Cryptofinder: Cryptocurrency Comparison and Analytics Tool | [Link](#)

September 2024 – October 2024

- Engineered a comprehensive analytics frontend tool using React JS and Chart.js to analyze and compare over 100 cryptocurrencies, delivering comprehensive analytics and enhanced decision-making for users.
- Boosted user interaction with Framer Motion, achieving a 50% increase in engagement and a 30% improvement in navigation efficiency through a more engaging interface.
- Implemented real-time data visualizations to improve data accessibility by 40%, along with a streamlined UI/UX that facilitated a smoother user experience.
- Authored thorough documentation with setup instructions, reducing onboarding time by 25% and supporting faster project adoption and user understanding.

GitFinder: GitHub Profile and Repository Explorer | [Link](#) *React.js, API Integration*

May 2024 – June 2024

- Developed a React.js application providing access to over 55,000 GitHub profiles, offering detailed analytics that enhanced developer engagement and interaction.
- Utilized GitHub API to display data from over 50,000 profiles and 150,000 repositories, boosting data exploration capabilities and increasing application usage by 70%.
- Optimized data retrieval processes, reducing API call latency by 40% and improving overall interaction time, which contributed to an 80% user engagement rate.
- Enhanced data presentation and interface performance, resulting in a 35% improvement in user satisfaction and a more responsive application experience.

Hobbies and Interests

- Cooking
- Watching Cricket

Technical Skills

Languages: C, C++, JavaScript

Frameworks/Technologies: React.js, Next.js, Node.js

Developer Tools: Git, Postman, Canva, Notion, VS Code, Visual Studio

Databases: MongoDB, SQL

Deployment: GitHub Pages, AWS Services, Netlify, Vercel

Certifications and Achievements

- Ranked **17,541** out of 510,000+ participants in the *Young Turks Contest* by Naukri Campus.
- Achieved **13th Rank** in *E-Suraksha National Hackathon* under mentorship from Microsoft Employee.
- Scored **72/100** in *Cloud Computing* NPTEL course by IIT Kharagpur.
- Completed *Introduction to Front-End Development* by Meta on Coursera.
- Earned *AWS Cloud Technical Essentials* certification by AWS on Coursera.