

SUBRAT YADAV

Full Stack Developer

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WORK EXPERIENCE

Full Stack Developer

Stealth AI Startup (Remote) | Sep 2024 – Feb 2025

- Developing **scalable web applications** with React.js, JavaScript, and Node.js, reducing load times by **35%**.
- Designed and optimized **RESTful APIs**, for improved data flow, enhancing application performance by **45%**.
- Implemented **server-side state management** and **data caching strategies**, reducing API latency by **40%**.

Freelancer | Full Stack Developer

Remote | May 2024 – Aug 2024

- Developed a **full-stack security-based school management system** using React.js, Node.js, MongoDB, managing **500+ students** with real-time monitoring.
- Optimized UI/UX using **Tailwind CSS & Shadcn**, improving user engagement by **30%**.
- Designed secure authentication with **role-based access control**, reducing unauthorized access by **40%**.

Open-Source Contributor

Hacktoberfest'23, GirlScript Summer of Code'23 (Remote) | May 2023 – October 2023

- Contributed to **7+ open-source projects**, improving **code quality & fixing 20+ bugs**.
- Enhanced system performance by **30%** through **code refactoring & workflow optimizations** for projects with **2,000+ users**.
- Ensured cross-browser compatibility**, improving UI consistency and user satisfaction by **35%**.

PROJECTS

Start Sphere – An Startup Ecosystem | *React.js, Node.js, Socket.io, NLP, ML, Tailwind CSS*

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- Engineered a **comprehensive networking platform** with real-time chat, resource library, and event management system, achieving **50%** user engagement rate.
- Implemented a **robust Node.js backend** with efficient data caching and optimized API endpoints, reducing response times by **20%**.
- Developed an **advanced user management system** with role-based access control and startup resource library, boosting content interaction by **40%**.

Faculty Excellence Tracker - Automated Performance Evaluation | *React.js, Node.js, D3.js, REST APIs*

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- Spearheaded a **comprehensive faculty appraisal system** with automated scoring and ORCID API integration, streamlining data management by **40%**.
- Architected **interactive D3.js dashboards** for performance analytics and trend visualization, improving assessment efficiency by **35%**.
- Pioneered an **engagement-driven system** with badges and leaderboards, resulting in **30%** increase in faculty participation.

Tech Trendz - Secure & Scalable Blogging Platform | *React.js, Shadcn, Appwrite, TinyMCE*

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- Engineered a **blog platform** with **secure authentication** and **TinyMCE real-time editing**, improving content creation efficiency by **40%**.
- Optimized performance through **HTML React Parser** and **state management**, resulting in **80% faster** load times.

ACHIEVEMENTS

- Winner, YourStory Digital Innovation Hackathon 2024** (1,500+ participants): Led team to develop startup ecosystem solution using MERN stack.
- National Finalist, Smart India Hackathon 2024**: Top 6 among 150 teams; automated faculty career advancement system.
- Top 150, Codex24 Hackathon**: Developed MeriDukaan - e-commerce platform for local businesses.
- National Finalist, Level Super Mind Hackathon 2025**: Led development of 'Social Pulse' analytics platform.
- Hacktoberfest 2023 Contributor**: Recognized for quality open-source contributions.
- Demonstrated algorithmic expertise by solving **500+** data structures and algorithm problems across **LeetCode** and **Geekforgeeks**.

TECHNICAL SKILLS

- Frontend**: React.js, Redux, Tailwind CSS, Shadcn, HTML5/CSS3.
- Backend & Database**: Node.js, Express.js, RESTful APIs, MongoDB, Appwrite.
- Languages & Tools**: JavaScript (ES6+), C++, Java, Git, GitHub, VS Code, Postman.

EDUCATION

Bachelor of Engineering - Computer Science and Engineering (December 2021 – May 2025)

Dr. Bhimrao Ambedkar University, Agra, India

- Relevant coursework**: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, Software Engineering.