Sarvesh Baranwal – Full Stack Developer

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Professional Summary

Full Stack Developer experienced in designing and deploying scalable web applications using React.js, Node.js, MongoDB, and Express.js. Skilled in developing RESTful APIs, implementing JWT authentication, and building secure, responsive user interfaces. Passionate about solving problems with clean code and delivering end-to-end solutions using the MERN stack.

Technical Skills

Languages: JavaScript, Python, C/C++, HTML/CSS, SQL, MySQL
Frameworks/Libraries: React.js, Node.js, Express.js, Redux Toolkit, Material UI, Bootstrap, NodeCron
Tools/Platforms: Git, GitHub, VS Code, Google Cloud, JWT, MongoDB, REST APIs, Unity, Vuforia

Projects

JobNest – MERN Stack Job Search Platform
Live Demo — GitHub
React.js, Node.js, Express.js, MongoDB, Cloudinary, NodeCron

- Developed a full-stack job search platform enabling seamless interaction between job seekers and employers.
- Implemented JWT authentication, user roles (Job Seeker & Employer), and modular REST APIs.
- Integrated Node-Cron to automate job alerts based on niche selection.
- Supported file uploads via Cloudinary and handled newsletters through automated cron jobs.

Expense Tracker – React Application
Live Demo — GitHub
React.js, Redux Toolkit, JWT, Material UI, REST APIs

- Created an expense tracking web app with JWT-based login and secure session management.
- Used Redux Toolkit for managing state and improving data flow across components.
- Designed responsive UI with Material UI and reusable custom components.

AlgoViz – Graph Algorithm Visualizer
Live Demo — GitHub
React.js, TailwindCSS, ReactFlow, DAGRE

- Built an open-source visual tool to design and validate DAGs and Trees with real-time feedback.
- Integrated auto-layout (DAGRE), cycle detection, rule validation, and contextual edge editing.
- Features undo/redo, node labels, context menus, and animation-ready layout system.

Other Projects:

- Renamer – npm Package: CLI tool to batch rename files with custom patterns.
- TagPicker – VS Code Extension: Custom extension to insert tags/snippets via command palette.

Experience

Project Coordinator – Smart India Hackathon (SIH)   Aug 2023 – Oct 2023
KIET Group of Institutions
GitHub: serv-er/SIH-PROJECT_

- Planned and structured the complete project roadmap and architecture for a cybersecurity-focused web app.
- Assigned tasks to team members, ensured follow-through, and provided hands-on support and feedback.
- Contributed to core development, helped build workflows for cyber attack news alerts and response guidance.
- Enabled users to access domain-specific cyber threats and suggested actions based on industry response models.

Achievements

- 3rd place – HackerRank Coding Contest (Department level, 300 prize)
- 2nd place – CodeChef Coding Competition (Intra-college, 500 prize)
- Selected – ETHGlobal Prague Hackathon (project proposal accepted)
- Published first NPM package `rename-exts` with 100+ downloads in the first week.

Clubs & Certifications

Innogeeks – AR/VR Developer   Dec 2022 – Present
Developed AR/VR simulations using Unity, Vuforia, and Luma AI, including 3D planetary models.

Cyber Peace Center – OSINT and Networking   Jan 2023 – Jun 2023
Completed CCNA-aligned networking training and ethical hacking simulations on Kali Linux.