Shreyansh Srivastava

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📅 18/07/2002 🚩 India ⚭ Unmarried 🔗 Portfolio in Linkedin

○ Github

👤 Profile

Full-Stack Developer skilled in React.js, Node.js, Express.js, and ASP.NET ⧉ Web API with hands-on experience in building scalable web apps. Proficient in C++, Java, and C#, with a strong grasp of OOP and software engineering principles. Experienced in designing RESTful APIs, role-based authentication, and responsive UIs. Built real-world projects like job portals and expense trackers, demonstrating full-stack capabilities and a passion for clean code and problem-solving.

🧠 Skills

Programming Skills
C, C++, Java, C#

Frontend & UI
React.js, HTML5, CSS3, JavaScript, WPF, XAML

Backend & API Development
Node.js, Express.js, ASP.NET, .NET, Socket

Databases
MongoDB, SQL Server

Authentication & Security
JWT, bcrypt, Role-Based Access Control (RBAC)

API Testing Tools
Postman, Swagger

Version Control & Collaboration
Git, Github

Deployment & Hosting
Vercel, GitHub Pages

📁 Projects

WalkieTalkie(Discod) ⧉   08/2025 – 09/2025
Tech Stack: C#, .NET, WPF, TCP/IP Sockets, XAML, Multi-threading.
- Developed a client-server desktop application featuring a real-time chat room and a shared collaborative canvas for simultaneous drawing.
- Engineered a custom TCP networking protocol using System.Net.Sockets to handle live communication for chat messages and synchronized drawing data.
- Implemented a multi-threaded server to manage concurrent client connections and a responsive, multi-view WPF client interface.

CareerArcade ⧉   02/2025 – 03/2025
Tech Stack: React.js, ASP.NET Web API, SQL Server, JWT, bcrypt, Context API
- Developed a full-stack job portal supporting job postings, applications, and admin-level controls.
- Implemented secure role-based access for Jobseekers, Employers, and Admins using JWT and bcrypt.
- Built RESTful APIs with ASP.NET Web API and created a responsive frontend.

Expense Tracker ⧉   01/2025 – 02/2025
Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, bcrypt
- Created a secure web app for users to track, add, and delete daily expenses.
- Developed RESTful API with Express.js and handled user authentication using JWT and bcrypt.
- Built a responsive UI using React.js with protected routes and clean state management.

Sorting Visualizer ⧉   11/2024 – 12/2024
Tech Stack: HTML, CSS, JavaScript
- Designed an interactive tool to visualize sorting algorithms step-by-step.
- Implemented Bubble, Selection, Insertion, Merge, and Quick Sort with animations.

- Focused on DOM manipulation and UI feedback to aid understanding of algorithm behavior.

🎓 Education

Bachelor of Computer Applications,   2022 – present | Lucknow
Indira Gandhi National Open University

Diploma in Electronics Engineering,   2020 – 2023 | Lucknow
Lucknow Polytechnic, Lucknow

💼 Professional Experience

Technician Apprentice,   03/2024 – 03/2025 | Lucknow
Indian Oil Corporation Ltd., Lucknow Terminal
- Completed industrial apprenticeship with exposure to real-world operations and workflow management.
- Gained experience in professional workplace discipline, technical documentation, and teamwork in a high-standard public sector environment.

Summer Training, *Locomotive Workshop, Northern Railways*   07/2022 | Lucknow
- Completed hands-on technical training in railway locomotive systems and maintenance protocols.
- Observed large-scale mechanical and electrical systems with a focus on operational efficiency and safety.