

Vedansh Shrivastava

Software Engineer

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SUMMARY

Full Stack Developer with strong **CS fundamentals** and experience building scalable, user-focused web and ML-powered applications. Skilled in **frontend, backend, and API integration**, with proven ability to learn new technologies quickly, write clean code, and deliver impactful solutions.

TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, React.js, Redux, Tailwind CSS,

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB

Languages: C++, Java, Python

Version Control: Git, GitHub

Other: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOPs

PROJECTS

RERO (Renewable Energy Resource Optimizer)

[GitHub](#) | [Live Link](#) | Full Stack Development

Tech Stack: NextJs, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB, Flask, Python, Recharts

- Developed a full-stack web application to optimize and predict renewable energy resource usage using a trained machine learning model.
- Built a clean, interactive dashboard with charts using Recharts and Radix UI, with full authentication and client-side routing handled using React Router.
- Integrated a Flask-based ML API deployed on Render with a Node.js backend and frontend hosted on Vercel, enabling seamless cloud-based predictions.

Echo AI (AI Chatbot Platform)

[GitHub](#) | [Live Link](#) | Full Stack Development

Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, OpenAI API, JWT, Stripe

- Built an AI-powered chatbot platform similar to ChatGPT for problem-solving, content generation, and image generation.
- Implemented user authentication with JWT and a credit-based usage system offering 20 free credits per user.
- Integrated Stripe for purchasing additional credits and managing secure payments.

Cartify (AI-Powered E-commerce Platform)

[GitHub](#) | [Live Link](#) | Full Stack Development

Tech Stack: Next.js 15 (App Router), TypeScript, Tailwind CSS, ShadcnUI, PostgreSQL, Prisma, Stripe

- Developed a modern AI-enabled e-commerce platform with secure authentication and scalable architecture.
- Implemented product management, image uploads using Cloudinary, and a fully functional checkout system with Stripe.
- Used Prisma with PostgreSQL for type-safe database access and optimized queries.

Job Hunting Portal

[GitHub](#) | Full Stack Development

Tech Stack: MongoDB, Express.js, React.js, Node.js, Cloudinary, MongoDB Atlas, ShadcnUI

- Built a job portal enabling recruiters to post jobs and seekers to apply with authentication for both roles.
- Integrated Cloudinary for media handling and MongoDB Atlas for scalable backend storage.
- Used ShadcnUI to create a responsive and clean user interface.

EXPERIENCE

Front-end Web Development Intern

June 2024 – August 2024

IBM SkillsBuild (in collaboration with CSRBOX)

Remote

- Completed a 6-week intensive internship program focused on front-end web development fundamentals.
- Built a capstone project involving responsive UI design and modern web components.
- Learned and applied concepts in component-based development, state management, and UI/UX design.

EDUCATION

Guru Gobind Singh Indraprastha University

Delhi, India

Bachelor of Computer Applications (BCA) CGPA: 7.0/10

Aug. 2022 – Jul. 2025