Arpit Bansal

"Passionate aspiring software engineer with a strong drive for continuous learning and collaboration to solve real-world problems."

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🔗 https://portfolio.8xinfinity.tech

Education

Vellore Institute of Technology
B.Tech   20-24. Vellore,India
Computer Science with some managerial subjects
8.14 CGPA

Professional Experience

Testbook.com - Freelance
Software Engineering Tutor
Jan 2024 – present
- Helped developers in their MERN projects
- Graded assignments and assessments to track and enhance student learning outcomes.

Coding Ninjas
Teaching Assistant   Aug 22- Dec -23
- Helped 800+ students with their doubts in Data Structue and Algorithms.
- Assisted students in complex DSA concepts
- Maintained an impressive average rating of 4.89

Skills

Web Development
Typescript,React JS , Redux , Node Js ,Express JS, Mongo DB, MySql, Tailwind,Material UI,Bootstrap, Prisma,Postgres, Next JS

DevOps
AWS, Github, Cloudlflare, Nginx, Linux ,Docker

Languages
C/C++, Javascript, HTML, JAVA ,PHP, SQL

Relevant Courses:
Data Structures And Algorithms, OOPS,Operating Systems,Software Engineering ,IT Project Management

Projects

Chatters ⧉
Real-time MERN stack chat app with WebSocket, JWT authentication, chat rooms, and private messaging.
May 2024 – Sep 2024
- Implemented **JWT-based authentication**.
- **RESTful APIs** using **Express.js** to handle user data and message retrieval.
- **Socket.io** for peer-peer connection

Blogify ⧉
Jan 2024 – Apr 2024
- Developed a blog website where users can showcase their content,using React, Redux, and Appwrite for backend services.
- Integrated HTML-React Parser and TinyMCE for rich text content.
- Implemented routing and navigation with React Router.

Snake Game (React & Redux) ⧉
Nov 2023 – Dec 2023
- Built a basic Snake Game using React and Redux to manage complex game state, tracking the snake's position, score, and progression.
- Effectively utilized Redux to optimize state management for a seamless gaming experience.

Mera Tax Mitra ⧉
Indian Taxes Info Website
- Designed and developed a responsive website providing detailed information on Indian taxes using HTML, CSS, Bootstrap, and JavaScript.
- Integrated external libraries like Bootstrap, Swiper, and Slick for enhanced styling and functionality.
- Implemented a sticky header for better navigation and ensured cross-device responsiveness.

Certificates

Certificate of excellence in C++ ⧉

Certificate of Excellence in DSA ⧉
Coding Ninjas