SHUBHAM BANSAL

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Education

Punjabi University   **Sep 2020 – May 2024**
Bachelor of Science in Computer Science   *Patiala, Punjab*

Relevant Coursework

- Data Structures and Algorithms
- OOPS
- Operating System
- Computer Networks
- Database Management
- Software Engineering
- Web Development

Experience

Tata Consultancy Services   **Nov 2024 – Present**
Frontend Developer   *Noida, Uttar Pradesh*

- Developing and maintaining dynamic user interfaces for the Defra Livestock platform using React.js, Next.js, and TypeScript.
- Ensuring application performance, responsiveness, and cross-browser compatibility across all major platforms.

Novem Controls   **Jan 2024 – Jun 2024**
Full Stack Developer Intern   *Mohali, Punjab*

- Assisted in the development and maintenance of full-stack web applications using the MERN stack
- Contributed to frontend development with React.js and backend logic using Node.js and Express.js.

Projects

Online Learning Platform   **Mar 2024 – Apr 2024**

- Developed a single-page web application for students using **React.js, Node.js, Express.js, MongoDB**
- Implemented user authentication and account creation, allowing users to securely register and log in.
- Created a responsive, user-friendly frontend interface to enhance user experience across devices.
- Built RESTful APIs with Express.js and connected to MongoDB for storing user and course data.

GoFood   **Jan 2024 – Feb 2024**

- Developed GoFood, a dynamic web app using the **MERN** stack for browsing and purchasing food items.
- Implemented intuitive user features including seamless cart management and secure checkout.
- Utilized **React.js** for interactive frontend, and **MongoDB** with **Node.js** for robust backend operations.

Technical Skills

Languages: C/C++, Java, HTML, CSS, Javascript, SQL.
Frameworks/Libraries: React.js, Node.js, Express.js, TypeScript, Bootstrap, TailwindCSS.
DataBase: MySQL, MongoDB.
Developer Tools: Git, GitHub, VSCode, VisualStudio.

Achievements

- Solved **300+** Problems on Data Structure and Algorithms on multiple platforms.
- Built and deployed a full-stack **Online Learning Platform** using React.js, Node.js, Express, and MongoDB.
- Designed and implemented secure user authentication and course purchasing functionality using JWT and MongoDB.

Coding Profiles

LeetCode	**CodeChef**	**Codestudio**	**GeeksForGeeks**
@sm325642	@Shubb3006	@Shubb3006	@sm325642