Kavya Bansal

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EDUCATION

Graphic Era (Deemed to be) University	Dehradun, India
Bachelor of Technology in Computer Science; GPA: 9.1/10	*Sept 2022 – Present*
St. Joseph's Convent School	Peerumadara, India
CBSE class 12th; Marks: 94%	*April 2021 – March 2022*
St. Joseph's Convent School	Peerumadara, India
CBSE class 10th; Marks: 96.2%	*April 2019 – March 2020*

TECHNICAL SKILLS

Languages: C, C++, JavaScript, TypeScript, Python, Java, HTML, CSS

Frameworks & Libraries: Node.js, Express.js, React.js, Next.js, Axios, Auth.js, NumPy, Pandas, Seaborn

Developer Tools & Platforms: Git, GitHub, Docker, Prisma, Visual Studio Code

Databases: MongoDB, MySQL, PostgreSQL

PROJECTS

SpendSmart | *Next.js, TypeScript, Tailwind CSS, Auth.js, MongoDB*   GitHub

- Developed SpendSmart, a personal finance tracking web app using Next.js, TypeScript, and Tailwind CSS to enhance user experience and performance.
- Implemented secure authentication with Auth.js and email verification/password reset using Resend, ensuring data security and user privacy.
- Designed and integrated budget tracking and expense management features with MongoDB Atlas, enabling users to monitor financial activities effectively.
- Visualized expense trends using Recharts graphs, improving financial insights and decision-making for users.

CodeCollab | *Express.js, Node.js, React.js, Socket.io, TypeScript*   GitHub

- Built a full-stack collaborative code editor using React and Monaco Editor, supporting real-time multi-user code collaboration.
- Integrated Judge0 API to enable execution and output generation for multiple programming languages directly within the browser.
- Implemented RESTful services in Node.js and Express.js to manage user sessions, code submission, and real-time syncing.
- Utilized Socket.IO for real-time bi-directional communication, enabling seamless collaboration similar to pair programming environments.

E-Commerce Website | *MongoDb, Express.js, React, Node.js, Responsive UI*   GitHub

- Developed a dynamic e-commerce platform using the MERN stack, providing a seamless online shopping experience.
- Ensured a seamless user experience across various devices with a responsive and intuitive UI.
- Optimized loading times and overall performance, enhancing user satisfaction and engagement.
- Implemented a robust cart functionality allowing users to add, update, and remove products while maintaining session persistence.
- Designed and built a separate admin panel for efficient product management, order tracking, and inventory control.

ACHIEVEMENTS

LeetCode Knight badge: Achieved a peak rating of 1885 in LeetCode contests, demonstrating strong algorithmic and problem-solving skills.

AWS Certified Cloud Practitioner: Earned certification demonstrating foundational knowledge of AWS cloud services, architecture, and best practices.