

TARUN KUMAR

FULL STACK DEVELOPER

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SUMMARY

Motivated B.Tech Computer Science student specializing in Full Stack Development, with practical knowledge of HTML, CSS, JavaScript, Core Java, DSA, SQL, MongoDB, and UI/UX design. Experienced in building responsive and user-friendly web applications, including personal portfolio and project-based applications. Passionate about solving real-world problems through clean code and intuitive interfaces, and eager to contribute to innovative software development teams.

EDUCATION

Bachelor in Computer Science and Engineering

- Graduation: 2024-2028

Senior secondary school || 12th class

- percentage: 69% in 2022-23

Senior secondary high school || 10th class

- percentage: 64% in 2020-21

PROJECTS

Food Express – Food Delivery Web Application

- Developed a responsive food delivery web app featuring restaurant listings, menu browsing, and secure payment interface.
- Designed user-friendly UI for smooth navigation across desktop and mobile devices.
- Implemented structured frontend components using HTML, CSS, and JavaScript.

Drum Kit – Interactive Music Web App

- Built an interactive drum simulator allowing users to play 8 different drum sounds using keyboard keys and mobile taps.
- Integrated real-time audio response with event-based JavaScript functionality.
- Designed engaging UI for improved user interaction experience.

Indian Cultural Heritage – Informational Website

- Created a visually structured website showcasing India's monuments, festivals, arts, and traditions.
- Implemented responsive layouts to ensure accessibility across multiple screen sizes.
- Focused on clean UI/UX design for educational and cultural presentation.

EcoSmart Pro – Energy Efficiency Web Solution

- Developed an eco-friendly web platform to promote electricity-saving awareness and efficient energy usage practices.
- Designed intuitive interface to help users monitor and reduce power consumption habits.
- Applied modern frontend styling techniques for improved usability.

SolveMate AI – Advanced Calculator Application

- Built a modern calculator with smooth animations and responsive interface using JavaScript.
- Implemented dynamic calculation logic for accurate and fast operations.
- Enhanced user experience through interactive UI transitions.

Registration Portal – Authentication System

- Developed a secure user registration and login interface with form validation features.
- Implemented structured input handling and authentication logic using JavaScript.
- Designed clean and modern UI ensuring usability and accessibility.

SKILLS

- Technical Skills: HTML, CSS, JavaScript, Bootstrap, Core Java, Data Structures & Algorithms (C++), DBMS, SQL, NoSQL (MongoDB), UI/UX Design, Frontend Development, Git & GitHub, Vercel Deployment.
- Web Development: Responsive Web Design, Interactive User Interfaces, Cross-Browser Compatibility, Modern Layout Techniques, Component-Based Frontend Structuring.
- Database Management: Relational Database Design (SQL), NoSQL Database Handling (MongoDB), Data Storage Optimization, Query Handling.
- Tools & Platforms: Git Version Control, GitHub Collaboration, Vercel Hosting & Deployment, VS Code Development Environment.
- Soft Skills: Teamwork, Leadership, Time Management, Problem Solving, Communication Skills, Adaptability, Continuous Learning Mindset.