

Tanmay Sabharwal

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Education

Vellore Institute Of Technology,Vellore

Bachelor of Technology in Computer Science and Engineering(CSE) (CGPA: 9.05)

Delhi Public School,Azaad Nagar

Central Board of Secondary Education XII (Percentage-96), X (Percentage-97.2)

June 2021 - June 2025

Vellore, Tamil Nadu

May 2019 - May 2021

Kanpur, Uttar Pradesh

PROFESSIONAL EXPERIENCE

SPARROW RISK MANAGEMENT

Jan 2025 – Present

Software Developer , Tech Stack: .NET (C#), React, SQL, Azure

Gurugram,Haryana

- Developed and optimized backend operations, handling data retrieval and processing with SQL.
- Implemented automated PDF & Word generation using QuestPDF and NPOI, enhancing reporting efficiency and reducing manual effort by 40%, leading to improved client satisfaction and contributing to a 2 lakh increase in revenue through streamlined documentation.
- Built robust file uploaders for Excel data ingestion, leveraging RequestChef, NPOI, and FluentValidation for validation and error handling.
- Deployed and maintained both frontend and backend systems, ensuring seamless integration and system stability.

VALTORUS TECH PVT LTD

Oct 2023 – Dec 2023

Full Stack Developer, Tech Stack: Node.js, Express.js, React.js,MySQL, Redux (State Management)

Pune,Maharashtra

- Built a Reddit-like platform with authentication, admin/user panels, and real-time engagement (messaging, 30-min video calls, polls).
- Developed a post-creation module (video, images, audio), increasing user-generated content by 35%.
- Optimized MySQL queries & Express.js, reducing API response times by 25% and page load speeds by 20%.

ZINGBUS

Dec 2022 – Jan 2023

Software Development Intern, Tech Stack:React,JavaScript,MySQL

Gurugram, Haryana

- Optimized code efficiency by reducing time complexity and fixing critical errors, enhancing application performance and maintainability.
- Gained hands-on experience in JavaScript by analyzing, debugging, and fixing issues in the web application for Zingbus, a bus booking platform, improving user experience and system reliability.

PROJECTS

DIODE | *MERN Stack (MongoDB, Express.js, React.js, Node.js)*

- Developed a full-featured e-commerce platform with secure user/admin authentication, dynamic coupon management, and real-time inventory tracking, improving operational efficiency by 20%.
- Implemented secure Razorpay payment integration and optimized product attributes (sizes, colors) for a seamless shopping experience.
- Designed an admin panel with graphical sales analytics, automated inventory updates, and mobile responsiveness, enhancing user engagement and sales tracking.

HONEREREVIEW | *Next.js, TypeScript, MongoDB, Hugging Face, Vercel (Live Demo)*

- Developed and launched HONEREREVIEW, increasing feedback completion rates by 20% with real-time processing.
- Integrated secure email authentication and category-specific ratings, enhancing user experience.
- Enabled honest, anonymous reviews with a minimal UI dashboard optimized for scalability.
- Utilized Hugging Face's Qwen/Qwen2.5-Coder-32B-Instruct model for real-time suggestion generation.

SKILLS

Languages: C++,C#,JavaScript, HTML, CSS, Python, SQL

Technologies: React.js, Express.js, jQuery, Bootstrap, Node.js, Firebase, MongoDB, MYSQL, Linux, Docker,Socket.io, Next.js, Hugging Face,Tableau, Power BI, Excel

Concepts: OOPS(Object-Oriented Programming), OS(Linux), Database Management Systems(DBMS), Data Structures and Algorithms(DSA), SDLC(Agile),RESTful API Development,

Certifications: The Complete Web Development Bootcamp (Udemy),Data Structures and Algorithms(Udemy),Codehelp Supreme Batch(Love Babbar)