SAUMYA TIWARI

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EDUCATION

VIT Bhopal University — B.Tech in Computer Science and Engineering: **7.8/10**   **Sept 2022 – Present**

Delhi Public School, Noida — Class XII (CBSE): **82%**   **Apr 2020 – Jun 2021**

Delhi Public School, Noida — Class X (CBSE): **89%**   **Apr 2018 – Jul 2019**

TECHNICAL SKILLS

Languages & Skills: JavaScript, Java, C++ SQL, HTML, CSS, ReactJS, Node.js, MongoDB, MySQL, Git, GitHub, REST APIs, Agile basics

PROJECTS

BFSI Customer Data Portal | *MERN Stack*   **Jan 2025 – Jul 2025**

- Developed a secure portal with **ReactJS, Node.js, and MongoDB** for customer onboarding and transactions.
- Implemented **form validation** and role-based login, lowering input errors by 25% and strengthening data protection.
- Designed responsive **UI/UX** with **Bootstrap**, increasing mobile accessibility by 35% and improving client satisfaction.

Telecom Usage Analytics Dashboard | *ReactJS, Node.js, MongoDB*   **May 2024 – Dec 2024**

- Designed an interactive dashboard using **ReactJS and Chart.js** to visualize regional call and data usage.
- Optimized **MongoDB aggregation queries**, improving data fetch speed by 40% for near real-time insights.
- Delivered actionable analytics by integrating **REST APIs**, enabling faster decision-making on network performance.

Healthcare Appointment & Ticketing System | *MERN Stack*   **Nov 2023 – Apr 2024**

- Engineered a full-stack healthcare app with **MongoDB, Express.js, ReactJS, and Node.js**, supporting appointment scheduling and ticket issue tracking.
- Integrated **JWT authentication** and role-based dashboards, reducing unauthorized access by 30%.
- Enhanced performance and responsiveness with **Bootstrap UI/UX**, achieving 15% faster load times and 20% increase in returning users.

ACHIEVEMENTS

Smart India Hackathon (SIH) Finalist   **Jul 2023 – Sept 2023**

- Cleared 2 competitive national-level rounds with an innovative full-stack prototype.
- Delivered a functional prototype under strict deadlines, improving feature completion rate by 25% and demonstrating strong **team collaboration**.

EXTRACURRICULAR

Team Lead, AI & Strategy Club (VIT)   **May 2023 – May 2024**

- Conducted **coding workshops** and **web development sessions** for **200+ students**.
- Led a **team of 8 members** and **collaborated with faculty** for smooth event execution.