

TIWARI SHAAN

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EDUCATION

Bachelors of Technology (2021-250)

Rajkiya Engineering College | Ambedkar Nagar

Aggregate SGPA-7.8

Relevant Coursework: Data Structures, Algorithms, Operating Systems, Computer Network

EXPERIENCE

Software Development Intern | SmartBridge | July 2024 - August 2024

- Built SANGAM, a full-stack social media app with real-time features using the MERN stack and Socket.IO, ensuring scalability and high performance.
- Ensured secure user experience with robust security measures (data encryption).

PROJECTS

SANGAM | Social Media App

- Developed a full-stack social media app with real-time messaging, post saving, story uploads, and notifications using HTML, CSS, JavaScript, Bootstrap, MongoDB, Express, React.js, and Node.js.
- Integrated Socket.IO for real-time updates and implemented data encryption to ensure user privacy and secure communication.

Draggy Notes |

- Utilized JavaScript and Appwrite to create a scalable, self-hosted backend, leveraging Appwrite's BaaS for quick and efficient development.
- Implemented robust backend functionality with Appwrite, enhancing application performance and development speed.

VeriCert | Certificate Verification

- Built a dynamic certificate generation system using MongoDB and React, enabling admins to manage data and students to retrieve and download certificates in PDF format from predefined templates.
- Automated Excel data processing with xlsx for accurate validation and storage of student records.

WhatsApp Bot |

- Built a real-time messaging system using Node.js, Express.js, and Twilio API to send and receive text and media messages.
- Designed a responsive frontend with dark mode and dynamic message display using HTML, CSS, and JavaScript, and integrated Twilio webhooks for automating message processing and storage in MongoDB.

TECHNOLOGIES

- Programming Languages: JavaScript, Python, C, C++, Java
- Frameworks & Libraries: TensorFlow, Flask, React, Tailwind CSS, shadcn UI, Prisma ORM, Numpy, Pandas, Matplotlib, SciPy
- Database: MongoDB, MySQL, PostgreSQL
- Tools & Platforms: Git, GitHub, VScode, Jupyter, Kaggle

ACHEIVEMENTS

- GATE QUALIFIED