Suraj Vittal

STUDENT

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SUMMARY

Enthusiastic and dedicated student with a keen interest in technology and problem-solving. Passionate about coding, design, and staying updated with the latest tech trends. Known for strong analytical thinking, creativity, and the ability to quickly grasp new concepts. Enjoys working collaboratively to develop innovative solutions and contribute to the success of any project.

PROJECTS WORKED ON

Web Chat Application

- Built a full-featured messaging app with modern tech stack designed for seamless user experience and secure communication. Developed using React.js for frontend, Node.js and Socket.IO for backend, MongoDB for storage, and Supabase for media and authentication. State management handled with Redux.

- Features include JWT authentication, password encryption, OTP email verification, one-to-one real-time messaging, link enrichment, emoji and Giphy integration, media/file sharing, audio messages, typing indicators, online/offline status, profile customization, and light/dark themes.

Student Result Automation & SGPA Calculator

- Developed an automated system to fetch student results and calculate SGPA based on USN input. Used a CNN model to solve CAPTCHA and Selenium to navigate and extract data from result pages.

- Integrated results display and SGPA calculator using Flask, offering a clean and responsive user interface.

EDUCATION

J.S.S. Academy of Technical Education, Visvesvaraya Technological University *2022 - 2026*

Narayana Pre-University College *2020 - 2022*

Carmel School, Padmanabhanagar *2007 - 2020*

SKILLS

- **Languages:** Python, JavaScript, HTML, CSS, SQL
- **Web Dev:** React.js, Flask, Node.js, Socket.IO, Supabase
- **Database:** MongoDB, MySQL
- **Tools & Tech:** Redux, JWT, Git, REST APIs, Giphy API, Socket.IO
- **Others:** Responsive Design, Authentication Systems, Media Integration

CERTIFICATIONS

- *Build Responsive Real-World Websites with HTML and CSS* 🔗

- MongoDB for SQL Experts 🔗