

VENKATA SATYA TEJESH BUDDE

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EDUCATION

BACHELOR OF TECHNOLOGY : COMPUTER SCIENCE AND DESIGN, 2022 – 2026
SRKR ENGINEERING COLLEGE

INTERMEDIATE :MPC, SRI CHAITANYA JUNIOR COLLEGE 2020 – 2022

EXPERIENCE

Software Intern, Bluconn Jul 2024 – present

- Developing interactive and responsive user interfaces using React and implementing server-side logic with the NestJS framework.
- Worked with AWS services, including Cognito for secure user authentication, Lambda for serverless workflows, and SES for automated email notifications, improving security, scalability, and communication efficiency.
- Integrated Google Geofence to enable location-based features, enhancing real-time tracking capabilities.
- Collaborated with co-developers to implement new features, optimize application performance, and improve the overall user experience.
- Gained hands-on experience with state management, component lifecycle, and third-party library integration in React applications.

Developer, SRKR College Website present

- Played a crucial role in the development team during key accreditation inspections by NAAC and NBA, ensuring the website met all accreditation standards and requirements.
- Collaborated with a team to teach multiple courses across the college, actively contributing to the academic environment.

Web Tech Hackathon Organizer and Developer Aug 2024

- Successfully organized an 18-hour WebTech Hackathon for over 100 participants, managing end-to-end operations including planning, coordination, and execution of the event.
- Developed an application for evaluating participant performance across 3 rounds and a final presentation, enabling efficient assessment for 100 members.
- Coordinated with a team of 10 members to oversee logistics, task assignments, and participant management.
- Facilitated a seamless hackathon experience by handling technical setups, round progressions, and real-time troubleshooting.

SKILLS

Programming Languages

C,Python,JAVA,GO

Tools and Technologies

VS code, MUI, AWS Cognito, AWS Lambda, AWS SES, Google Geofence, Machine Learning, Git, Blender, 3D Maya

Web Technologies

HTML, CSS, Javascript,SQL, PHP,Node.js,Nest.JS, React.js,React TypeScript, MySQL, PostgreSQL

PROJECTS

MAGICALDB, Full-Stack Developer ✍ Mar 2024

- Developed a dynamic website for the University of Hyderabad's research center using **PHP, MySQL, HTML, CSS, and JavaScript** to process over **23 million gene interactions**. Designed efficient **database schemas** and implemented complex queries, reducing data processing time by **50%**. Integrated the **Cytoscape library** for advanced data visualization.

FACULTY DEVELOPMENT PROGRAMME ON DESIGN THINKING, Mar 2023

Front-end Developer ✍

- Designed and built an interactive **web application** for the **Faculty Development Programme on Design Thinking**, providing seamless access to **course details and schedules**. Prioritized a **user-friendly** and **aesthetically appealing** interface to improve participant engagement and overall experience.

BHIMAVARAM TENNIS TOURNAMENT, Full-Stack Developer ✍ Apr 2024

- Designed and developed a website for managing a local tennis tournament, incorporating event scheduling and real-time score updates.
- Enabled real-time score updates with 100% accuracy and implemented a comprehensive player and match management system.

LEARNING GUIDE FOR STUDENTS, Full-stack Developer ✍ Jan 2024

- Developed a comprehensive website providing students with access to syllabi, learning modules, and notes, significantly improving the organization and availability of educational resources.
- Implemented secure user authentication and dynamic content management, achieving a user satisfaction rate of 95%.
- Leveraged **HTML, CSS, JavaScript, SQL, and PHP** to create a **reliable** and **user-friendly** platform.

FREE FIRE, Back-End Developer ✍ Apr 2024

- Developed a live college fest website with registration, login, and game information access, ensuring 100% accuracy. Managed front-end and back-end using **HTML, CSS, JavaScript, SQL, and PHP**, delivering a fully functional and interactive platform.

CERTIFICATES

- HTML and CSS
- SMART INDIA 24 HRS HACKATHON
- BASICS OF JAVA