PASAM VENKAT REDDY

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Education

VIT Bhopal University   **Jun 2022 – may 2026**
Bachelor of Science in Computer Science   *Bhopal, Madhya Pradesh*
Cumulative GPA: 8.11

Narayana English Medium High School   **Jun 2020 – mar 2022**
Higher Secondary school(12th)   *Vizag, Ap*
Percentage: 75

Kennedy High School   **Jun 2019 – mar 2020**
High school(10th)   *Vijayawada, Ap*
Percentage: 78

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Internet Technology
- Computer Architecture
- Software Methodology
- Database Management
- Systems Programming

Projects

My browser | *Electron + React*   **July 2025**

- Built a cross-platform browser using Electron.js React.js with custom weather, news widgets and dynamic theming.
- Integrated search suggestions, history, bookmarks, downloads extensions management using Express.js backend REST APIs.
- Implemented responsive UI (TailwindCSS), drawer-based navigation, and background customization for enhanced user experience.

News portal | *Next.js, TypeScript*   **October 2024**

- Developed a news portal using Next.js and TypeScript to deliver real-time news updates with optimized performance.
- Improved user engagement and interface accessibility by leveraging shadcn/ui for modern UI components and designs.
- Integrated API data fetching to display the latest news articles dynamically, ensuring up-to-date content delivery.

Tourist Website (ToVisit) | *HTML, CSS, JavaScript*   **October 2023**

- Designed and developed a tourist website using HTML, CSS, and JavaScript to enhance user experience and engagement.
- Implemented core features such as destination listings and travel guides, focusing on dynamic content and user interaction, etc.
- Ensured responsive design, providing seamless functionality across devices and screen sizes.

Technical Skills

Languages: Python, Java, C, JavaScript.
Developer Tools: VS Code, Android Studio.
Technologies/Frameworks: HTML, CSS, Git, SQL, AWS cloud.

Achievements/ Certificate

- SmartBridge MERN stack
- IBM Gen AI.
- Completed 70+ DSA Problems.
- 75.5 in NPTEL Cloud Computing.
- Industrial IOT Markets and Security

Hobbies

- Reading comics, Cricket, Watching TV