

# PASAM VENKAT REDDY

Munagapadu, Prakasam(d), Andhra Pradesh 5232421

6305385831

[venkatreddypasam4@gmail.com](mailto:venkatreddypasam4@gmail.com)

[linkedin.com/in/Venkat\\_reddy\\_pasam](https://www.linkedin.com/in/Venkat_reddy_pasam)

[github.com/venkatreddy111](https://github.com/venkatreddy111)

## Education

---

### VIT Bhopal University

*Bachelor of Science in Computer Science*

Cumulative GPA: 8.23

**Jun 2022 – may 2026**

*Bhopal, Madhya Pradesh*

### Narayana English Medium High School

*Higher Secondary School (Class 12) — Percentage: 75%*

**Vizag, AP**

*Jun 2020 – Mar 2022*

### Kennedy High School

*High School (Class 10) — Percentage: 78%*

**Vijayawada, AP**

*Jun 2019 – Mar 2020*

## Relevant Coursework

---

- Data Structures
- Database Management
- Operating System
- Algorithms Analysis
- Internet Technology
- Computer Architecture

## Projects

---

### Electron Web Browser | *Electron.js, React.js, Express.js, TailwindCSS*

**Jul 2025 – Present**

- Designed and developed a **cross-platform custom web browser** using Electron.js and React.js with a responsive, modern UI.
- Implemented **multi-tab browsing, search suggestions, bookmarks, browsing history, and user profile management**.
- Integrated **SQLite database** for persistent and secure storage of history, bookmarks, and session data.
- Developed **real-time profile switching** with isolated cookies and sessions for privacy and personalization.
- Added custom **widgets (weather and news)** with API integration for enhanced user experience.
- Ensured **session persistence** to retain login states across browser restarts for each profile.
- **Optimized performance** by lazy-loading heavy components (history, extensions) for faster startup and smoother navigation.

### News Portal | *Next.js, TypeScript*

**Oct 2024**

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

### Tourist Website (ToVisit) | *HTML, CSS, JavaScript*

**Oct 2023**

- Designed and developed a responsive tourist website featuring destination listings and travel guides.
- Focused on **dynamic content and user interaction** to improve usability and engagement.
- Ensured 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.

## Hobbies

---

- Reading comics, Cricket, Watching TV