

# Rushikesh Reddy

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## About Me

Computer Science student at Bennett University, building scalable applications with expertise in DSA and Web Development. Developed full-stack solutions using React, Node.js, Express.js and MongoDB enabling real-time data visualization and seamless authentication.

## Education

Degree	Institution	Year	Marks/CGPA
B.Tech (CSE)	Bennett University	2022 – 2026	8.1/10
Class 12	Sri Chaitanya jr College	2021-2022	978/1000

## Experience

### Independent Developer & Problem Solver

Remote  
Ongoing

*Self-Driven Learning and Projects*

- Solved 200+ problems on Data Structures and Algorithms on various Platforms.
- Implemented a novel word embedding technique within the LSTM model, reducing false positives in spam detection by 15% and improving the overall precision of the model. (HARD METRIC).

## Projects

### Netflix Clone [GitHub](#) — [Live Demo](#)

- Incorporated TMDb API into Netflix clone, processing 10,000+ requests per second in testing; ensured seamless data transfer to give users access to new movies trailers and TV shows daily.
- Implemented **Firestore authentication** for secure user login and account management.
- Integrated **real-time movie 'I&' TV show data** using TMDb API for dynamic content updates.

### Play-Time (YouTube Clone) [GitHub](#) — [Live Demo](#)

- Engineered a fully responsive YouTube clone with a sleek UI and seamless user experience.
- Incorporated real-time video streaming and category-based filtering for enhanced content discovery.

### Driver Drowsiness Detector [GitHub](#)

- Developed a real-time fatigue detection system using OpenCV and deep learning.

### Sound-Wave (Media Player) [GitHub](#) — [Live Demo](#)

- Designed an **interactive and visually appealing UI** for an enhanced user experience.
- Engineered custom audio player UI using React.js, resulting in audio control issues and improved overall application satisfaction.

### Crypto-Zone [GitHub](#) — [Live Demo](#)

- Developed a cryptocurrency tracking platform using React and the CoinGecko API.
- Built with React, Tailwind CSS, and Chart.js for an intuitive user experience.

## Technologies

**Languages:** C++, Python, Java, JavaScript

**Technologies:** HTML, CSS, React.js, TailwindCSS, Node.js, Express.js, MongoDB

**Developer Tools:** Git, VS Code, GitHub

**Development Practices:** Agile, Version Control, API Integration, Debugging

## Certificates

- **The Bits and Bytes of Computer Networking** - Google ([Verify](#))
- **Algorithmic Toolbox** ([Verify](#))