

Pilli Rushendra

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Career Objective

Aspiring Software Engineer with a strong foundation in data structures, algorithms, and object-oriented programming. Passionate about developing scalable and efficient software solutions while continuously learning new technologies. Seeking an opportunity to apply my problem-solving skills and contribute to innovative projects.

Certifications

- Data Structures and Algorithms Course by Smart Interviews.
- Infosys Springboard course on Prompt Engineering

Education

VNR VJIET, B.Tech in Computer Science Nov 2022 – Present

- GPA: 9.42/10.0
- **Coursework:** Computer Networks, OOPS, Operating Systems, Machine Learning

Technologies

Languages: C++, C, Javascript, Python
Frameworks: HTML, CSS, Node.js, Express.js, React

Projects

Language Translation with speech recognition in Python

- Developed a language recognition and translation system using Python, integrating googletrans, Google Cloud Speech Library, and pyaudio.
- Enabled real-time speech recognition and translation for over 75 languages with minimal latency.
- Optimized system performance to ensure fast and accurate translations for seamless user experience.
- Engineered a robust pipeline for efficient speech-to-text processing and multilingual support.

Faculty Skill Enhancement Activity Tracker

- Spearheaded a transformative project within the CSE department.
- Streamlined faculty skill tracking and reporting, reducing manual administrative work.
- Achieved time savings of 10 hours per month by automating reporting processes.
- Enhanced efficiency and accuracy in monitoring faculty skill development activities.

Blog Application(MERN Stack)

- Developed a full-stack blog application using the MERN stack (MongoDB, Express.js, React, Node.js) for creating, editing, and deleting blog posts.
- Designed and implemented a seamless and responsive user interface with React.
- Built RESTful APIs with Express.js and Node.js, integrating MongoDB for data storage.
- Implemented user authentication for secure access and deployed the app on a cloud platform.

Achievements

- Secured 98 percent in 10th SSC Board Exam and 98 percent in Intermediate board Exams.
- 3-Star Rated in Codechef with Max Rating:1648.
- Solved Over 400+ Problems in CodeChef, LeetCode, CodeForces.
- Diamond Certified Smart Coder in Smart Interviews with a rank 315/38000.