

HIMANSHU GUPTA

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PROFILE SUMMARY:

Seeking an entry-level Software Engineer position where I can utilize my technical skills to support software modernization efforts and contribute to the success of the Information Technology team.

EDUCATION:

- Bachelor of Technology, Babu Banarasi Das Northern Indian Institute Of Technology, 2017-21
 - Electrical and Electronics Engineering
- Intermediate (12th Grade), Vimla Devi Shyam Kali Inter College, 2016-17
- High School (10th Grade), Shree Mahaprabhu Public School, 2013-14

SKILLS:

- Languages: Python, Core Java
- Frameworks: Flask
- Database: MySQL
- Tools & Technologies: AWS, Git, Docker

EXPERIENCE:

- Full Stack Developer - Internship at Cloudstrats Technology Private Limited

Roles and Responsibilities:

- Worked on the company's product based on React, contributing to frontend development tasks and ensuring product enhancement.
- Developed Speech-to-Text executable for accurate recognition of Indian language vowel sounds.
- Implemented sentiment analysis, text analytics, and abstractive summarization using Python.
- Contributed to real-time video analysis and machine learning algorithms.
- Assisted in development and deployment of Django websites.
- Collaborated with stakeholders for project success.

PROJECTS:

Physiological Monitoring Vest:

- Integrated biosensor vest for firefighters to measure real-time body parameters during event sites.
- Utilized biometric sensors like temperature, pulse, and gas sensors with microcontrollers to collect and send data to the cloud platform.
- Presented at IEEE National Level Project Competition-2021.

Weather App Project:

- Developed web-based weather app using Python (Flask) for backend and React for frontend.
- Integrated OpenWeatherMap API for real-time weather data retrieval.
- Demonstrated proficiency in full-stack development, API integration, and responsive design.

Speech Recognition Application (Shrutlekh):

- Developed multilingual speech-to-text app using Python, Tkinter, and Vosk API.
- Supported English and Hindi languages with dynamic model loading.
- Real-time transcription with responsive GUI and control buttons.
- Implemented threading for seamless user experience during continuous speech recognition.
- Handled audio processing with PyAudio for live stream transcription.