

# Sudhanshu N K

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## Objective

Information science engineer graduate skilled at Web development. Demonstrated ability to quickly learn and master new technologies, contributing to the completion of 3+ projects. Passionate about working in dynamic teams, continuously learning and growing in the evolving tech industry.

## Skills and Expertise

**Programming Languages** : C, C++, Python, HTML, CSS, Javascript, SQL.

**Framework and Libraries** : MongoDB, Express, React JS, Node JS, Flask, Spring Boot, Bootstrap.

**Tools and Technologies**: GitHub, DBMS, Virtual Box, MS Office.

## Education

**The National institute of engineering** , B.E/B.TECH in Information Science

Mar 2020 – June 2024

• CGPA:8.1/10

## Project

### HR Management System , DBMS

- Developed a system to streamline employee record management, enabling HR departments to efficiently access and analyze data for improved decision-making and operational ease.
- The system enables HR departments to efficiently access, update, and analyze employee data, improving decision-making and operational efficiency.

### Social Media Sentiment Analysis ,ML

- Processed and analyzed 1.6 million tweets using the Twitter API, categorizing sentiments from 0 (negative) to 4 (positive). Optimized data by reducing entropy from 41.08 to 14.73 through feature selection and data cleaning.
- Trained LSTM and CNN models, achieving comparable accuracy: LSTM (78.9 per) and CNN (78.2 per) with batch sizes of 1024, and optimized versions (78.6 and 77.2 per) with batch sizes of 512.

### AI based healthcare chatbot using regional language , AI/ML

- Implemented NLP for text summarization and integrated geolocation features for hospital location detection.
- Developed a medicine suggestion system, streamlined appointment scheduling, monitored health status, and provided timely updates to the homecare assistant.

## Internship

### Web Developer UPL Snipe Pvt Ltd , Bengaluru

Oct 2024 - Dec 2024

- Built a Content Management System (CMS) using React, Node.js, and REST API, which facilitated the creation, management and publication of digital content. Provided a platform for content creators to author articles, manage media assets, customize layouts and publish content dynamically.

## Extra Curricular Activities

- Conducted technology awareness and digital payment workshops in rural villages, educating 50+ community members on the benefits and usage of digital tools, online banking, and mobile payment systems, promoting financial inclusion and digital literacy.
- Collaborated with school authorities and local communities to promote better learning opportunities and encourage school enrollment, benefiting 100+ students. Conducted educational workshops and awareness sessions in multiple government primary schools, emphasizing the importance of education for young learners.

## Awards and Accomplishments

- Winner of Google crowdsourcing event with most number of contributions mainly towards text to speech.
- Achieved 1st place in a quiz competition on AI tools, organized by Growthfy Technology, showcasing expertise in advanced AI concepts and practical applications.
- Led a team of 16 members in inter-college cricket tournaments, strategizing and motivating the team to achieve runner-up position.