

Sandeep Kanugula

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Summary

Software Developer with expertise in system design, algorithm optimization, and scalable application development. Passionate about creating efficient, maintainable, and high-performance solutions to drive innovation and enhance user experiences.

Technical Skills

- **Programming Languages:** C, C++, Python, Java
- **Web Technologies:** HTML, CSS, JavaScript, React, Node.js, Django
- **Databases:** MySQL, DBMS
- **Data Visualization:** Power BI, Tableau
- **Development Tools:** VS Code, Git, GitHub, Jupyter Notebook
- **AI & Prompt Engineering:** Fine-tuning, Task Decomposition
- **Soft Skills:** Time Management, Adaptability, Dedication
- **Design Tools:** Canva

Education

B.Tech in Computer Science and Systems Engineering Lendi Institute of Engineering and Technology	CGPA: 9.00 (Pursuing)
Intermediate (Class XII) Sri Chaitanya Junior College	83% 2022
Grade X (Class X) Z.P.H. School	98% 2020

Experience

Software Development Intern , Pantech Prolabs India Pvt Ltd	Dec 2024 – Mar 2025
<ul style="list-style-type: none">• Increased API response speed by 30% through database indexing and query optimization.• Developed and debugged RESTful APIs, reducing latency by 25% for faster data exchange.• Integrated scalable back-end components, improving application efficiency by 40%.• Automated deployment processes, reducing release time from 2 hours to 30 minutes using CI/CD.	
Freelance Web Developer , Habibi Vizag Restaurant	Feb 2025 – Mar 2025
<ul style="list-style-type: none">• Built a responsive website, boosting customer engagement by 50% and reducing bounce rates by 20%.• Implemented an online ordering system, increasing customer orders by 35% within the first month.• Integrated Google Maps for accurate location services, reducing navigation issues by 70%.• Optimized website speed, cutting page load time by 45% for improved user experience.	

Projects

Habibi Restaurant – Freelance Web Development	Live
<ul style="list-style-type: none">• Developed a fully responsive website featuring an interactive menu, online reservations, customer reviews, and smooth navigation.• Enhanced SEO and mobile responsiveness using React.js and Node.js, ensuring fast load speeds, seamless cross-device compatibility, and improved search rankings.	
Car Price Predictor – Machine Learning Model	GitHub
<ul style="list-style-type: none">• Built a predictive model for used car pricing based on brand, model, mileage, fuel type, and transmission,	

leveraging data preprocessing and feature engineering.

- Designed an interactive web interface with Flask, enabling users to input car details and receive real-time price estimates using Pandas, NumPy, and Scikit-learn.

QR Code Generator – Web Utility

GitHub Live

- Developed a QR code generator allowing users to create, customize, and download QR codes instantly for URLs and text inputs.
- Implemented using HTML, CSS, and JavaScript with QRCode.js, ensuring a responsive, user-friendly interface for both desktop and mobile.

Achievements

- Secured **first place** in a **Technical Quiz**, demonstrating proficiency in algorithms, data structures, DBMS, operating systems, and core programming concepts.
- Project **shortlisted** in an **internal hackathon** for the **Smart India Hackathon (SIH)**, highlighting innovation in software development, problem-solving, and system design.
- Solved **790+** problems on **CodeChef** and **162+** on **LeetCode**, showcasing strong analytical and algorithmic problem-solving abilities.

Position of Responsibility

Project Team Leader – Smart India Hackathon (SIH)

Sep 2024

- Led a team in the **SIH internal round**, overseeing **project development, strategic planning, and system architecture**.
- Supervised **software implementation**, ensuring efficient problem-solving and delivering innovative solutions within tight deadlines.

Management Head – Freshers' Event

Aug 2024

- Directed **event planning, coordination, and execution**, ensuring an engaging experience for new students.
- Managed **logistics, scheduling, and resource allocation** to organize structured activities and sessions.

Certifications

- **Full Stack Web Development** – Pantech Prolabs
- **Python Foundation Certification** – Infosys Springboard
- **SQL (Intermediate)** – HackerRank
- **Data Visualization with Tableau** – Simplilearn
- **C++ Programming Masterclass** – Pantech e Learning