

Sujal Kumar

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Professional Summary — Enthusiastic and detail-oriented CS aspirant with strong skills in DSA and development, eager to start a career and contribute to innovative projects.

Technical Skills

Database: MySQL, PostgreSQL, pl/SQL
Languages: C++, Java, Python
Technologies: HTML, CSS, JavaScript, Node JS, flask
Soft Skills: Leadership Qualities, Time Management
Tools and Frameworks: Git, Express JS, React JS, Socket.IO, Redis

Work Experience

@KES (KIIT Electric Society), Bhubaneswar **Nov 2023 – Present**
Web- Developer

Full-Stack Developer for KES' core team

- Worked closely with cross-functional teams to integrate technical execution with design concepts, ensuring alignment with business objectives. Partnered with stakeholders across departments to ensure alignment between technical implementation and business strategy.

Studyit **Jan 2023 – 2024**
Educator

- Serving as an educator at Studyit, fostering academic growth and facilitating learning experiences for students. Promoted a positive public image for the company and managed information dissemination.

Education

KIIT Bhubaneswar **July 2022 – July 2026**
Bachelor of Computer Engineering
CGPA: 8.66

Canterbury Bells, Dehradun **[XII]**
AVG: 87 **2022**

Projects

CommentAnaly - Youtube Analyzer [React.js, Flask, VADER, Chart.js] **Feb 2025**

- Developed a web app using React for sentiment analysis of YouTube comments.
- Integrated YouTube API to fetch video comments and analyze sentiment with VADER (Valence Aware Dictionary and Sentiment Reasoner).
- We used the fetch API for efficient API interactions and configured CORS to enable seamless cross-origin communication and Visualized sentiment data with Chart.js for clear, interactive graphical reports..

Real-Time Messenger **DEC 2023**

- Developed a full-stack real-time chat application using the PERN stack (PostgreSQL, Express, React, Node.js), Redis, and Socket.IO. Implemented secure user authentication, real-time messaging, and a responsive UI with Chakra UI, enhancing user experience and application performance.

Complexity Analyser **DEC 2024**

- Developed a web-based tool using HTML, CSS, and JavaScript to evaluate code complexity. Designed for developers, the tool analyzes code structure, assesses real-time complexity, and provides optimization insights. Enhances code maintainability by identifying inefficiencies and potential issues.

Achievements

- Engaged with over 500+ coding problems across platforms such as LeetCode, GeeksforGeeks, and others, demonstrating strong proficiency in data structures and algorithms.
- Received a Google Cloud Platform (GCP) certification under AICTE-Approved Cloud Computing Program, which involved hands-on training in cloud technology.