

Siddharth Gautam

Satna, Madhya Pradesh, India

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LinkedIn: sidga04 GitHub: sidga04

Education

Chandigarh University, Mohali

Bachelor of Engineering in Computer Science

Christukula Mission Hr Sec School, Satna

Intermediate

Christukula Mission Hr Sec School, Satna

Matriculation

July 2022 – June 2026

CGPA: 7.2/10

April 2020 – March 2021

76%

April 2018 – March 2019

81%

Technical Skills

- **Programming Languages:** C++, Java, Python, SQL, JavaScript
- **Web Development:** [React.js](#), [Node.js](#), [Express.js](#), Tailwind CSS, [Redux](#)
- **Databases:** [MongoDB](#), SQL
- **Tools:** Git, GitHub, Visual Studio Code, Postman, [Redis](#)
- **Cloud/Containerization:** Docker, Kubernetes, Heroku, Vercel
- **Development Methodologies:** REST APIs, JWT Authentication, CI/CD

Projects

Scalable Real-Time Chat Application

January 2025 – Present

Technologies: [Node.js](#), [WebSockets](#), [MongoDB](#), [Redis](#), [React.js](#), [Docker](#), [Kubernetes](#), [JWT](#)

Designed and developed a [scalable real-time chat application](#) using [WebSockets](#) for instant communication.

Built a highly scalable backend using [Node.js](#) and [Express.js](#), employing [Redis](#) for managing chat rooms and message queues to handle high concurrency.

Implemented real-time message updates and user presence using [WebSockets](#), enabling efficient communication between clients without reloading the page.

Deployed the application using [Docker](#) and [Kubernetes](#) to ensure containerized deployment, load balancing, and high availability across multiple instances.

Integrated user authentication using [JWT](#) for secure logins, and stored messages in [MongoDB](#), enabling persistence even during restarts.

Real-Time Sentiment Analysis Tool

January 2025 – Present

Technologies: [React.js](#), [Node.js](#), [Flask](#), [TensorFlow](#), [Hugging Face](#), [WebSockets](#), [MongoDB](#)

Created a real-time sentiment analysis tool to process social media and customer feedback, classifying text into positive, negative, or neutral categories.

Implemented NLP using pre-trained [BERT](#) and TensorFlow models for sentiment classification and used Hugging Face's transformers library for efficient text processing.

Developed a real-time data pipeline using [WebSockets](#) to instantly analyze text data and display results to users.

Designed and deployed the backend with Flask, enabling efficient communication with the frontend built in React.js, ensuring a seamless user experience.

AI-Based Automated Resume Screening Tool

January 2025 – Present

Technologies: [React.js](#), [Node.js](#), [Flask](#), [spaCy](#), [BERT](#), [PyMuPDF](#), [MongoDB](#)

Built an AI-powered automated resume screening tool that analyzes and scores resumes based on skills, experience, and job descriptions.

Developed a resume parsing system using [spaCy](#) and [PyMuPDF](#) to extract relevant information from resumes in PDF format.

Integrated [BERT](#) for contextual understanding and matching of resumes with job requirements, implementing a scoring algorithm to rank candidates based on relevance.

Designed the frontend using React.js for user interaction, allowing recruiters to upload resumes, view candidate matches, and receive suggestions in real-time.

Achievements

- **Codechef:** Achieved 3-Star rating (Max Rating: 1617) and solved 600+ problems.
- **Codeforces:** Ranked Pupil (Max Rating: 1262), solving 140 problems.
- **Hackathons:** Secured the highest score in Kriti 2023, earning 3rd place in the Software Problem Statement category.

Positions of Responsibility

Overall Coordinator, Student Web Committee, Chandigarh University Apr 2024 – Present
Lead a team of 100+ members to deliver high-end web development solutions for CU students and campus residents.

Oversee product design, development, and review processes, ensuring timely delivery of web solutions and maintaining strong collaboration across teams.

Web Development Lead, C Square, Chandigarh University Apr 2023 – Apr 2024

Led the web development team at C Square, managing multiple projects, and optimizing the development pipeline.

Coordinated design, development, and deployment of websites for various campus events and technical clubs.

Provided mentorship to junior developers and facilitated knowledge sharing across the team.

Certifications

- Introduction to Databases – Meta
- Databases and SQL for Data Science and Python – IBM
- Introduction to Front-End – Meta
- Introduction to Back-End – Meta
- Computer Organization and its Architecture – NPTEL

Interpersonal Skills

- Leadership, Time Management, Task Management, Collaboration, Team Skills, Problem Solving, Critical Thinking, Multitasking, Adaptability, Presentation.