

SAGAR SINGH KUSHWAHA

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Summary

Computer Science undergraduate with 3+ years of programming experience in C++, Python, and web development. Delivered 2+ AI-powered solutions and contributed to 1 internship projects. Seeking roles in software development.

Technical Skills

Programming: C++, Python, JavaScript, HTML/CSS, SQL

Frameworks & Libraries: Flask, NumPy, Pandas, scikit-learn

Developer Tools: Git, VS Code, PyCharm, Google Colab

Database/Cloud: MySQL, AWS (Basics), REST APIs

Soft Skills: Communication, Leadership, Team Collaboration

Experience

SampurnaBharat

Feb 2025 – Jun 2025

Web Developer Intern

Jalgaon, Maharashtra

- Implemented 15+ responsive UI components using HTML, CSS, and JavaScript in Agile environment, completing 3 sprint cycles.
- Enhanced e-commerce website by developing 8 new features, resulting in 25% improvement in user experience metrics.
- Optimized website performance, reducing page load times by 20% (from 4.2s to 3.4s) and boosting site speed.
- Collaborated with 5-member team to deliver 12 features over 4 months, increasing site traffic by 30%.

Projects

Bluetooth Multi-Device Audio Sharing Application | C++, Windows Audio APIs, Bluetooth SDK Feb 2025 – Jun 2025 (E

- Developed C++ application supporting simultaneous audio streaming to 5+ Bluetooth/wired devices with 99.9% uptime.
- Integrated custom virtual audio drivers, reducing setup time from 5 minutes to 1 minutes (80% improvement).
- Implemented device synchronization protocol, reducing audio latency by 40% (from 150ms to 90ms).

Intelligent Mental Health Support Platform | Python, Google Colab

Jan 2024 – Jun 2024

- Created AI platform with 92% accuracy in facial emotion recognition, serving personalized interventions to 500+ test users.
- Analyzed 15+ research papers and implemented 3 clinical frameworks to ensure 100% ethical compliance standards.

AI Drawer – Integrated AI Platform | scikit-learn, Flask, pandas, API

Jan 2024 – Jun 2024

- Integrated 4 AI APIs (Gemini, Perplexity, DALL-E, Claude) handling 1000+ daily queries with 40% faster response time.
- Processed 6,000+ training entries using pandas and scikit-learn, improving model accuracy from 68% to 92%.
- Designed intuitive Flask-based UI serving 200+ users, achieving 4.5/5 user satisfaction score (20% increase).

Computer Science Fundamentals

Data Structures: Arrays, Linked Lists, Trees, Graphs, Stacks, Queues

Algorithms: Sorting, Searching, Dynamic Programming, Greedy, Recursion

Core Concepts: Operating Systems, Computer Networks, DBMS, OOP, System Design

Leadership / Extracurricular

Stock Market Analyst, Fintech Club

Jul 2023 – Nov 2025

Team Lead

VIT Bhopal University

- Analyzed 50+ stock portfolios and delivered weekly investment insights to 500+ club members.
- Conducted technical analysis on 50+ stocks monthly, achieving 70% accuracy in trend predictions.

PR Team Member, E-Cell VIT Bhopal

Jul 2023 – Nov 2023

Core member

VIT Bhopal University

- Managed PR initiatives across social media platforms, increasing follower engagement by 45%.
- Organized 2 networking events with 200+ attendees, boosting event participation by 60%.

Education

VIT Bhopal University

Oct 2022 – Oct 2026

Bachelor of Science in Computer Science

CGPA: 8.38 / 10