



Keshav Aggarwal

Roll No.:12240790

B.Tech - Mechanical Engineering

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[Github](#) | [in LinkedIn](#) | [Personal Website](#)

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Bhilai	7.43 (Current)	2022-Present
Senior Secondary	CBSE Board	94%	2022
Secondary	CBSE Board	90.6%	2020

EXPERIENCE

- Software Engineer Intern** May 2024 - July 2024
Virtual Diamond Boutique, VDB On-Site
 - *Developed and optimized 20+ SQL queries, resulting in a 25% improvement in data retrieval efficiency and supporting critical business operations.
 - *Assisted in managing and maintaining production and analytics databases, contributing to a 99% data accuracy rate and ensuring high availability.
 - *Contributed to creating 10+ detailed reports and interactive dashboards, enhancing decision making processes and reducing report generation time by 15%.
- Software Engineer Intern** Dec 2023 - Feb 2024
Nicol Enterprises Remote
 - *Developed and Debugged Code: Contributed to coding, testing, and debugging features for a major project, achieving a 25% reduction in critical bugs and a 15% improvement in application performance.
 - *Collaborated with Teams: Worked with a team of 5 engineers and optimized code by many folds, ensuring the timely completion of 3 key project milestones.
 - *Enhanced Technical Skills: Gained practical experience with Python, JavaScript, and Git, resulting in a 20% increase in coding efficiency and effective application of Agile practices in a remote setting.
- Software Engineer Intern** Sep 2023 - Oct 2023
G&G Concrete Solution Remote
 - *Implemented Key Features: Designed and integrated new functionalities, resulting in a 40% improvement in system reliability and a 25% faster feature rollout.
 - *Enhanced Code Quality: Resolved critical issues, leading to a 35% reduction in post-release bugs.
 - *Automated Testing: Implemented automated tests, reducing manual testing time by 50%.

PROJECTS

- Fresher Party Event Management System** Aug. 2023 - Present
*Created an interactive website for the Fresher Party featuring RSVP functionality and real-time updates; facilitated 300+ attendee interactions and streamlined communication. [Live](#) | [Github](#)
 - *Increased Engagement: Boosted event participation by 50% through enhanced user interaction and real-time updates, keeping attendees more involved.
 - *Streamlined Communication: Efficiently managed communication with over 1000 participants, ensuring smooth coordination and updates leading up to the event.
- Hospital Management System** Aug. 2023 - Present
 - *Admin Control: Full access to 100% of data, including patient info, medication schedules, and financials, boosting efficiency by 40%.
 - *Patient Self-Service: View and download medical info, receive reminders, and schedule appointments, increasing engagement by 30%.
 - *Receptionist Doctor Efficiency: Receptionists manage patient records and bills; doctors access all patient data and schedules, improving care coordination by 25%.

SKILLS

- Programming:** HTML, CSS, C/C++, Javascript, Git, GitHub, React, SQL, PostgreSQL
- Operating Systems:** Windows, Linux
- Non-Technical:** Product Management, Management Skills, Leadership, Team Building, Consulting

POSITIONS OF RESPONSIBILITY

- Member**, Blockchain Club, IIT Bhilai Nov. 2023 - Apr. 2024
 - *Organised and facilitated 7 interactive skill development workshops for 100+ participants, boosting satisfaction scores by 40% and enhancing team collaboration.
- Volunteer**, Outreach Club, IIT Bhilai Apr. 2023 - Apr. 2024
 - *Launched an outreach campaign to 30 businesses, boosting sponsorship retention by 15% and driving long-term revenue growth.

EXTRACURRICULARS

- ESports**, As an esports enthusiast, I dedicated myself to fostering members through active tournament participation.
- Sports**, Loves to Play Cricket, Football, TT, Badminton, Kho-Kho