

Sahil Kale

Leetcode Profile [Leetcode Profile](#) GitHub Profile [GitHub Profile](#) LinkedIn Profile [LinkedIn Profile](#)
Portfolio Site [Portfolio Site](#)

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EDUCATION`

- **Atharva College of Engineering, Mumbai** Mumbai, Maharashtra
Bachelors of Technology in Information Technology GPA: 9.87
2022 – 2026(Expected)
- **Decent Junior College** Nagpur, Maharashtra
State Board Class XII 85%
(2021 – 2022)

EXPERIENCE

- **Backend Developer** [Backend Developer](#)
Node.js , React.js , MongoDB March 2025 - May 2025
Description: Designed and developed a real-time application (Flatemate) to assist students in finding suitable flatmates. The platform incorporates multiple filters, enabling users to search based on academic criteria such as branch and year of engineering. It leverages K-Means clustering and other advanced technologies to enhance recommendation accuracy and user matching efficiency. Additionally, integrated Razorpay as a secure payment gateway to facilitate premium features and transactional capabilities within the platform, ensuring a smooth and reliable user payment experience.

PROJECTS

- **Flatmate – A platform for college students to find flatmates** March 2025 - May 2025
Node.js , Javascript , MySQL , Python , HTML , CSS
Description: Built a platform for college students) to assist them in finding suitable flatmates. The platform incorporates multiple filters, enabling users to search based on academic criteria such as branch and year of engineering. It leverages K-Means clustering and other advanced technologies to enhance recommendation accuracy and user matching efficiency. Additionally, integrated Razorpay as a secure payment gateway to facilitate premium features and transactional capabilities within the platform, ensuring a smooth and reliable user payment experience.
- **Freemage – Free AI image generator** Feb 2025 - March 2025
HTML , CSS , Python , Gemini Api
Description: Developed a full-stack AI image generation platform that empowers users to create high-quality, cinematic visuals using the Gemini API. Built with modern frontend and backend technologies, the system showcases seamless API key integration and secure authentication workflows. Users can explore prompt-based image generation with real-time rendering feedback, enabling accessible access to free AI-powered creativity. The project emphasizes understanding of third-party API orchestration, rate-limited token handling, and optimized payload delivery—resulting in an intuitive interface that makes image synthesis feel instantaneous and effortless
- **IntelliFlow – AI powered College event management system** Jan 2024 - April 2024
Flask , Python , Node.js , MongoDB , WebSockets
 - **Description:** Built a full-stack AI-powered event management platform with intelligent dashboards, predictive analytics, and real-time collaboration. Leveraged React.js, Node.js, and MongoDB to integrate AI-driven modules—chatbot support, marketing automation, sponsor matching, and budget forecasting. Enabled seamless event orchestration through WebSockets, empowering organizers with smart task allocation, engagement analysis, and sentiment-driven insights.
- **Pymail – Automated email sender using Python** Jan 2024 - April 2024
Python Libraries , Python , SMTP , MySQL
 - **Description:** Built an automated bulk email dispatch system that streamlined outreach for large user bases by integrating Python’s smtplib with pandas, using Excel sheets as dynamic recipient sources. Enabled efficient, error-free campaign execution while significantly reducing manual overhead which helps businesses to create attractive campaigns and forward it to their customers efficiently .

ACHIEVEMENTS

- **HackXplore Hackathon** [HackXplore Hackathon](#): Selected as one of the top 5 best projects at the HackXplore hackathon organized by Bhartiya Vidya Bhavans Sardar Patel Institute of Technology , Mumbai
- **CP And DSA:** Solved [questions](#) on platforms like Leetcode [Leetcode](#) , GeeksforGeeks [GeeksforGeeks](#) .

TECHNICAL SKILLS

- **Languages::** C++, Go, C, Java, Python, SQL, Javascript.
- **Academic Courses:** Data Structures and Algorithms, OOPS, Operating Systems, Data Base Management Systems, Computer Networks & security , Ethical hacking and forensic networks.
- **Development:** PostgreSQL, S3, Python, Vercel ,Render,Firestore, ReactJS, NextJS,Web Sockets , Nodejs, Express.js, MongoDB, Flask , Git, Github, RapidAPI, REST APIs, Google APIs, Tailwind CSS, HTML + CSS + JS, Bootstrap, Firebase & Google Cloud