Sahil Kulkarni

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Education

K. K. Wagh Institute of Engineering Education and Research, Nashik	*2022 - 2026*
B.Tech in Computer Engineering	
Amro Junior College of Arts, Science and Commerce	*2020 - 2022*
HSC, 70%	
Delhi Public School, Nashik	*2018 - 2020*
CBSE, 81%	

Certifications

- Machine Learning A-Z: AI, Python & R + ChatGPT Prize (2024), Udemy
- The Complete 2024 Web Development Bootcamp, React Native, Udemy
- AWS Academy Graduate - AWS Academy Cloud Foundations

Projects

Resume Agent – AI-Powered Job Application Bot   *github.com/Resume_Agent*

Technologies Used: Python, LangChain, Gemini (Google Generative AI), Browser-use

- Developed an AI agent to auto-apply for internships on Internshala via headless browser automation.
- Used LangChain and Gemini for intelligent internship selection and auto-form filling.

CampusConnect   *github.com/CampusConnect*

Technologies Used: MERN Stack, Socket.IO

- Built a collaborative platform connecting students for hackathons and college events.
- Integrated real-time chat features using WebSockets to enhance peer communication.

ResumeRefine   *github.com/ResumeRefine*

Technologies Used: MERN Stack, AI/ML

- Developed an AI platform to automate job description analysis, resume parsing, and candidate ranking.
- Enhanced job-candidate matching accuracy using advanced ML techniques.

MetaConnect – AI-Powered Networking App   *github.com/MetaConnect*

Technologies Used: React Native, Socket.IO, MongoDB

- Created a mobile-first platform enabling developers to discover events, connect, and chat in real time.
- Leveraged AI for smart filtering and personalized recommendations to enhance engagement.

Research Paper Agent – AI-Powered Search Tool   *github.com/researchpaper.ai*

Technologies Used: Python, LangChain, Gemini (Google Generative AI), Browser-use

- Built an AI agent to search research papers on sepsis detection from sources like PubMed, arXiv, and Google Scholar.
- Used LangChain and Gemini for autonomous web browsing, search parsing, and paper link extraction.

Achievements

- Top 10 finalist among 580 teams in the National Shastra Smart City Challenge.
- Secured a place in the Top 30 at Kleos 2.0 Hackathon from over 500 teams.

Technical Skills

Programming Languages: C++, C, SQL, Python, JavaScript, HTML
Frameworks & Libraries: React.js, Express.js, Node.js, Tailwind CSS, jQuery, TensorFlow, PyTorch, CSS, Next.js
Databases & Tools: MongoDB, SQL, Docker, Git, LangChain , Linux, macOS, Google Cloud Platform,MCP
Other Skills: AI Agents , SaaS Module Development, Critical Thinking, Remote Collaboration, System Design Thinking

Co-Curricular Activities

- Core Member of CSI – organized events, demonstrated teamwork and leadership, collaborated across teams, presented ideas effectively, and managed sponsorships.
- Football – Winner of intra-college football tournament.
- Cricket – Champion of CPL (Computer Premier League).