Sahil Kulkarni

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Professional Summary

Results-driven Web Developer and AI/ML Enthusiast with proven expertise in designing scalable web applications, building machine learning models, and developing AI-driven solutions. Adept at problem-solving, utilizing modern technologies, and delivering innovative solutions to complex challenges. Passionate about applying AI/ML to transform data into actionable insights and drive business value.

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, 80%

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, Udemy
- AWS Academy Graduate - AWS Academy Cloud Foundations

Projects

ResumeRefine, Nashik *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.

CampusConnect, Nashik
Technologies Used: MERN Stack, Socket.IO *github.com/CampusConnect*
- Built a collaborative platform connecting students for hackathons and college events.
- Integrated real-time chat features using WebSockets to enhance peer communication.

MetaConnect – AI-Powered Networking App
Technologies Used: React Native, Socket.IO, MongoDB *github.com/MetaConnect*
- 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.

SAR Image Detection and Colorization Project
Technologies Used: TensorFlow, Python, Deep Learning
- Built a deep learning pipeline to detect and colorize grayscale SAR (Synthetic Aperture Radar) images.
- Employed convolutional neural networks to enhance interpretability of terrain and feature analysis.

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
Databases & Tools: MongoDB, SQL, Docker, Git
Platforms: Linux, macOS

Co-Curricular Activities

- Core Member of CSI