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*
SSC, 81%

Certifications

- **Machine Learning A-Z: AI, Python & R + ChatGPT Prize (2024), Udemy**
- **The Complete 2024 Web Development Bootcamp, Udemy**

Projects

ResumeRefine (Sunhacks Hackathon), 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 through advanced ML techniques.

ForestFire.ai   *github.com/ForestFire.ai*
*Technologies Used: **Python, Machine Learning, Flask, TensorFlow***

- Built a machine learning model to predict and analyze forest fire risks using environmental data.
- Deployed the model as a web application using Flask for real-time predictions.
- Integrated data visualization tools to provide insights into fire-prone areas.

Campus-Connect, Nashik   *github.com/CampusConnect*
*Technologies Used: **MERN Stack, Socket.io***

- Designed and developed a robust platform connecting students for hackathons and college events.
- Integrated real-time messaging features using WebSockets to enhance collaboration.

Kleos 2.0 Hackathon, Mumbai   *github.com/Kleos-2.0*
*Technologies Used: **MERN Stack, AI/ML***

- Engineered a secure application translating Indian regional languages to English for financial transactions.
- Implemented OCR, fraud detection systems, and feedback loops for continuous product refinement.

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