Saikumar R

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Machine Learning Student

AI & ML student with hands-on experience developing scalable applications, including an AI-powered resume analyzer that reduced recruiter screening time by 30% and a healthcare risk prediction system with 85% accuracy. Skilled in Python, SQL, and cloud technologies, with a strong foundation in data preprocessing, predictive modeling, and software development. Seeking an internship to apply technical expertise while contributing to real-world AI projects.

Education

BMS College of Engineering | Bengaluru, Karnataka

Bachelor of Engineering in Artificial Intelligence & Machine Learning | 2023 - Present

• **CGPA: 9.0** (**Top 10%,** Year 2: 2024–2025)

Projects

AI-Powered Resume Analyzer

- Built a Flask-based web app with Python, Pandas, SQL, and OpenAI API to analyze resumes and generate tailored job-fit recommendations.
- Cut recruiter evaluation time by 30%, enabling assessment of 150+ additional candidates weekly.
- Designed a responsive HTML/CSS/JavaScript interface for seamless recruiter interaction.

Smart Healthcare Data Dashboard

- Developed a predictive analytics system using Scikit-learn, Pandas, and Flask to forecast patient health risks with 85% accuracy.
- Deployed on Google Cloud with SQL-backed storage, scaling to support 1,000+ patient records.
- Accelerated healthcare decision-making by 40% through real-time automated insights.

Online Coding Judge

- Built an interactive coding platform supporting Python, C, C++, and Java with automated test case evaluation.
- Reduced manual code review time by 60% and improved submission accuracy by 40%.
- Architected a Flask + SQL backend with leaderboards and instant feedback, increasing user engagement by 35%.

Skills

- **Programming Languages:** Python, C, C++, Java, SQL, HTML, CSS, JavaScript.
- Frameworks & Tools: Flask, Pandas, Scikit-learn, OpenAl API.
- Cloud & Databases: Google Cloud, SQL Databases.
- Software Development: Data Structures & Algorithms, Data Analysis, Predictive Modeling.

Certifications

- Complete C++ Programming
- Complete Python Programming