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, OpenAI API.
* **Cloud & Databases:** Google Cloud, SQL Databases.
* **Software Development:** Data Structures & Algorithms, Data Analysis, Predictive Modeling.

# Certifications

# [Complete C++ Programming](file:///C:\Users\Prajwal%20Ganesh%20C\Downloads\C++%20certificate.pdf)

# [Complele Python Programming](file:///C:\Users\Prajwal%20Ganesh%20C\Downloads\Python%20certificate.pdf)