Sindhu R

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Passionate about building scalable solutions that solve real-world problems. Focused on thoughtful design, practical outcomes, and continuous learning.

EDUCATION

- **Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru**
Bachelor of Engineering | Computer Science and Engineering
CGPA – 9.68   **2022 - 2026**

- **BGS Independent PU College**, **K R Pet**
State Board - PCMB
Percentage – 97   **2020 - 2022**

- **Sri Adichunchanagiri English Medium High School, K R Pet**
Secondary Education (SSLC)
Percentage – 94.88   **2019 - 2020**

PROJECTS

- **Genostat - Genetic Statistics Analysis**
Developed a Django-based web application for genetic statistical tests like Hardy-Weinberg, Chi-Square, and ANOVA using MySQL for data storage.

- **AnoMatrix - Wi-Fi Based Anomaly Detection System**
Designed a real-time detection system using XGBoost with Flask and a web dashboard for live monitoring.

- **MINESWEEPER-AI - Puzzle Game with AI Assistant**
Built using Pygame and integrated an AI that applies propositional logic and inference to identify safe cells and autoplay the game.

TECHNICAL SKILLS

- **Programming Languages**: C, Java, Python
- **Web Development**: HTML, CSS, Django
- **Databases**: SQL, MySQL
- **Machine Learning**: Supervised & Unsupervised Learning, Model Development, Scikit-learn, NumPy, Pandas
- **Tools & Platforms**: Linux, Windows, Git & Github

CERTIFICATIONS

- **Machine Learning Crash Course – Google**

  Completed a comprehensive ML crash course covering foundational algorithms and practical tools, with hands-on coding exercises.

- **Data Science Bootcamp – GeeksforGeeks**
6-week course covering data analysis to ML model creation.

ADDITIONAL INFORMATION

- Selected for **Cohort 5 of Pragati**: Path to Future, an initiative by **Infosys Springboard** focused on future skills and career development.
- **Languages**: English, Kannada
- **Hobbies:** Cooking, Music, Crafts