Vaisakh Ramakrishnan

Kozhikode, Kerala – 673016 · +91 91486 92617 · vaisakhramakrishnan@gmail.com

linkedin.com/in/vaisakh-ramakrishnan-a68602320

Professional Summary

Computer Science undergraduate with strong academic performance and practical experience in developing projects using Python and SQL. Skilled in building reliable, maintainable software and solving real-world problems through structured, efficient solutions. Adaptable and collaborative, with a focus on writing clean code and delivering results in team-oriented environments.

Skills

- **Languages:** Python (project experience), C (lab work), Java (basic)
- **Tools:** Git (used in projects), Jupyter Notebook, VS Code
- **Databases:** PostgreSQL (used in academic projects)
- **Frameworks:** Django (basic familiarity)
- **Libraries:** Pandas, NumPy, Matplotlib (used in ML projects)

Projects

Smart Voting System – *Backend Developer*
Built a demo voting platform using Django and OpenCV with Haar Cascades for facial verification. Integrated basic cryptographic vote storage using Python.

Music Recommendation System – *Python Developer*
Implemented a demographic-based song recommender using Python and Pandas. Focused on simple data filtering using CSV inputs based on age/gender.

Hotel Management System – *Academic Project*
Created a web application using Node.js, HTML/CSS, and PostgreSQL. Included basic billing, room tracking, and reservation features.

Education

B.Tech in Computer Science and Engineering
College of Engineering Trivandrum, Kerala   *2022 – Present*
CGPA: 9.1

12th Grade – Centre for Advanced Learning, Mangalore   *2022*
Percentage: 94.6%

10th Grade – Sharada Vidyalaya, Mangalore   *2020*
Percentage: 93.6%

Certifications

IBM SkillsBuild – *Data Analytics using Python*
Completed a certification program learning Pandas, Seaborn, and data visualization using Jupyter.

NPTEL – *Artificial Intelligence: Search Methods*
Completed 12-week course on AI problem solving using BFS, DFS, A*, heuristics, and search-based techniques.

Relevant Coursework

Data Structures and Algorithms, Operating Systems, Computer Networks

Involvement

Participated in campus tech and cultural events, including event assistance for GDGC and CETMUN 2024.