Rekha B

7994689275 | Thiruvananthapuram, India

rekhabiju1478@gmail.com | https://github.com/RekhaBiju

SUMMARY

Computer Science student skilled in software development, with a keen interest in building efficient, user-centric applications. Passionate about learning emerging technologies and delivering impactful, real-world solutions.

TECHNICAL SKILLS

- **Frontend Development:** HTML | CSS | JavaScript | Bootstrap | React
- **Programming Languages:** Python
- **Backend Development:** Node.js
- **Libraries:** Pandas | NumPy | Scikit-learn | XGBoost | Pickle
- **Database:** MySQL | PostgreSQL
- **Tools / Environment:** Jupyter Notebook | VS Code
- **Version Control:** Git

RELEVANT COURSEWORK

Data Structures & Algorithms | Computer Networks | Operating Systems | Database Management Systems | Artificial Intelligence

EDUCATION

Bachelor of Technology – Computer Science and Engineering   May 2026
LBS Institute of Technology for Women, Kerala
Overall CGPA: 7.36

Higher Secondary Education – Central Board of Secondary Education   March 2022
Holy Trinity Vidyabhavan, Kerala
Overall percentage: 84%

Secondary School Examination – Central Board of Secondary Education   March 2020
Holy Trinity Vidyabhavan, Kerala
Overall percentage: 91.83%

PROJECTS

Weather Forecasting using Machine Learning
https://github.com/RekhaBiju/Weather_forecasting

• Developed a weather forecasting system using the XGBoost gradient boosting algorithm. Additionally, utilized Pandas and NumPy for data manipulation and numerical computation
• The main objective of the project was to forecast the weather for the next five days by leveraging five years of historical data, incorporating key parameters such as temperature, pressure and wind speed. Area of focus was Thiruvananthapuram
• The frontend was developed using HTML, CSS, and JavaScript to display the forecast

Portfolio Website | https://rekhabiju.github.io/portfolio-website/
• Built a personal portfolio website using HTML, CSS, and Bootstrap, featuring a clean, responsive design that effectively showcases my skills, projects, resume, and contact details
• The website serves as a dynamic platform to document and reflect my ongoing professional journey

TECHNICAL WORKSHOPS

Computer Hardware and Networking- Internship Programme
LBS Institute of Technology for Women-Research & Enhanced Education Forum

Web Mastery- Internship Programme
LBS Institute of Technology for Women-Research & Enhanced Education Forum

Cloud Computing
NIT Calicut- Ragam Technical Fest