Bijal T Benny

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Summary — Final-year B.Tech Computer Science Engineering student with a strong foundation in C, Python, HTML, CSS, and SQL. Passionate about using technology to solve real-world problems, with key interests in Artificial Intelligence, Data Science, and Web Development. Gained practical experience through hands-on projects and recognized for being adaptable, a quick learner, and an effective team player with leadership qualities. Dedicated, focused, and punctual, with excellent time management and collaboration skills. As a fresher, I am eager to gain experience in any role that helps me grow and contribute effectively in the software industry.

Skills

- **Programming Languages:** Python, C
- **Web Technologies:** HTML, CSS, JavaScript
- **Libraries & Tools:** Pandas, NumPy, Git
- **Databases:** MySQL
- **Concepts:** Computer Networks, Operating Systems, OOPs, DBMS
- **Soft Skills:** Time Management, Adaptability, Teamwork

Education

Bachelor of Technology in Computer Science and Engineering
St. Joseph's College of Engineering and Technology, Palai, Kerala
Current CGPA: 9.23/10
Expected Graduation: June 2026

Higher Secondary Education (Class XII – Kerala State Board)
Emmanuel's Higher Secondary School, Kothanalloor, Kerala
Year of Completion: 2021
Percentage: 99.4%

High School Education (Class X – CBSE)
St.Therese English Medium School, Ayamkudy, Kerala
Year of Completion: 2019
Percentage: 91.4%

Projects

CODENEST – Learning Platform for Coding Enthusiasts   Aug 2024 – Apr 2025
- Designed and developed a web-based platform that guides students through coding practice using structured roadmaps and curated problem sets.
- Integrated features like a problem-based leaderboard, a discussion forum for clearing doubts, and personalized progress tracking.
- Built using HTML, CSS, JavaScript, Node.js, and MongoDB, ensuring scalability and fast interaction.
- Promoted collaborative learning and self-paced growth among student developers.

FEELIFY – Emotion-Based Music Recommendation Platform   Jun 2025 – Present
- Built a web application that detects user emotion via webcam-based facial analysis and recommends music using Spotify API integration.
- Employed real-time emotion recognition using a deep learning model developed with Python, OpenCV, and TensorFlow.
- Connected the backend to a responsive frontend interface for a seamless, interactive experience.
- Focused on enhancing emotional wellness through mood-aligned music playback and personalized suggestions.

CardioSense – Heart Disease Risk Predictor   Aug 2025
- Developed a Python application using Streamlit for real-time prediction of heart disease risk.
- Implemented a Logistic Regression model with data preprocessing via StandardScaler, trained on clinical datasets.
- Designed an interactive interface with form-based patient inputs, probability outputs, and Matplotlib visualizations of key health metrics.
- Enhanced usability and interpretability by providing color-coded risk levels and preventive recommendations to support early healthcare intervention.

Certifications

- **Spoken Tutorial Certificate in C Programming** – Conducted by IIT Bombay   April 2024
- **Introduction to HTML, CSS, & JavaScript** – IBM via Coursera   July 2025