

# Ramendra Raman

LinkedIn: [www.linkedin.com/in/whoisramendra](https://www.linkedin.com/in/whoisramendra)

GitHub: [github.com/whoisramendra](https://github.com/whoisramendra)

Email: [thegentlemonk@gmail.com](mailto:thegentlemonk@gmail.com)

Mobile: +91-8572037252

## SKILLS SUMMARY

- Languages: Python, C++, Java, Javascript
- Frameworks: React, SpringBoot, HTML and CSS
- Tools/Platforms: MySQL, Android Studio, Figma, Github
- Soft Skills: Problem-Solving, Team Player, Communication, Adaptability

## PROJECTS

- **Beepbob : AI Music Recommender:** Feb 2025 - Mar 2025  
Developed a Music Recommender System using Flask that learns from other friends and community members  
Integrated the Spotify API (Spotipy) to fetch track details, artist information, and album covers  
Utilized lyrics, metadata, and audio features for AI-powered song recommendations  
Built an interactive interface with community and personal feed recommending songs that gives users the best experience  
Enabled users to explore diverse music genres and personalized recommendations which learns the user's taste  
Tech Stack: Flask, Python, Spotipy (Spotify API), HTML/CSS, React, Figma
- **RailResolve : AI powered complaint management for RailMadad** Sept 2024 – Dec 2024  
Developed an AI-powered system for RailMadad that manages complaints easily  
Classified text into sentiment and priority using machine learning and NLP  
Used TF-IDF for feature extraction and optimized model performance  
Built a user-friendly interface for easy real time and emergency help  
Applied in SOS button with offline support and customer feedback analysis  
Tech Stack: MERN stack, python, Scikit-learn, Figma
- **Samvaad: Intelligent Conversation Companion:** Aug 2024 - Aug 2024  
Developed a chatbot using natural language processing and machine learning to understand and respond to user queries  
Implemented a Naive Bayes classifier with a TF-IDF vectorizer for accurate response prediction  
Built with Dash, providing a user-friendly interface for real-time conversations  
Capable of handling a wide range of queries efficiently  
Tech Stack: Python, Dash, Naive Bayes, TF-IDF, NLTK, Machine Learning
- **Anomaly Detection in NYC Taxi Demand:** Jun 2024 – Jul 2024  
Developed a machine learning solution to analyze half-hourly taxi demand data and detect anomalies  
Implemented Isolation Forest for global anomaly detection and statistical thresholding for contextual anomalies  
Designed an integrated approach for robust anomaly detection  
Created decision score histograms and anomaly maps for interpretability and visualization  
Applied findings to fraud detection and transportation optimization use cases  
Tech Stack: Python, Pandas, Matplotlib, Scikit-learn

## ACHIEVEMENTS

- **CodeChef 4 star coder:** Jan 2025  
Attempted contests and daily practice problems on CodeChef.
- **LeetCode Achievements:** Dec 2024  
Solved 200+ LeetCode problems and earned the 50 Days Achievement Badge.
- **AI trainer at Outlier.ai** Nov 2024  
Worked as an AI trainer to train AI models for Outlier.Ai and earned a significant amount of salary.
- **Top 5% Runner-up in SIH:** Sep 2024  
Participated and was top 5% runner up in Gear-up season 3 (Smart India Hackathon Internal Round).

## CERTIFICATIONS

- **Design and Implementation of Human-Computer Interfaces – NPTEL** Jul 2024
- **Python, Data Science & Machine Learning Integrated – Cipher Schools** Dec 2024
- **Mastering Data Structures & Algorithms using C and C++ –Udemy** Jan 2025

## EDUCATION

- **Lovely Professional University** Punjab, India  
Bachelor of Technology in Computer Science & Engineering;  
Specialization: Cyber Security  
Sep 2022 - Present
- **Kartar Public School** J&K, India  
*Intermediate;* Percentage: 75%  
Apr 2020 - Mar 2021
- **Delhi Public School** Dharan, Nepal  
*Matriculation;* Percentage: 80%  
Apr 2018 - Mar 2019