

# VISHNU M

+916369750957 ✉ vishnumnair595@gmail.com  LinkedIn  GitHub  Krishnagiri, India

## EDUCATIONS

**Coimbatore Institute of Technology** | Tamil Nadu, India  
Bachelor of Engineering in Computer Science and Engineering

Aug 2024 - Present  
CGPA : 9.23 / 10.00

## PROJECTS

**Influence Quality Auditor — Fake Account Detection System** |  Github Jan 2026 - Mar 2026  
(Individual Project)

- **Architected a scalable anomaly-detection pipeline** utilizing **Isolation Forest** to identify **suspicious social media profiles** within large datasets.
- **Engineered high-signal features** such as follower-following ratio and posting frequency, significantly enhancing anomaly detection precision.
- **Designed and implemented data preprocessing, validation, and filtering pipelines** to effectively manage noisy real-world CSV/Excel datasets.
- **Built a multi-threaded interactive dashboard** with **Streamlit** for real-time dynamic filtering, risk categorization, and live analytics.
- **Developed an explainability module** that provides human-readable reasons for flagged accounts, highlighting abnormal activity and suspicious ratios.
- **Visualized complex user behavior patterns** using **Plotly**, including 3D scatter plots, histograms, and trend analysis, delivering clear, actionable insights.

*Technologies / Tools Used : Python, Streamlit, Scikit-Learn*

**Spotify Clone — Full-Stack Music Streaming Web Application** |  Website Feb 2025 - May 2025  
(Individual Project)

- **Developed a responsive, production-grade Spotify-inspired web app** featuring core music playback capabilities and interactive UI controls.
- **Implemented an audio playback engine** with play/pause, seek, and queue management using native Web Audio APIs and JavaScript.
- **Engineered smooth CSS animations** and created an accessible, user-friendly interface that reflects industry-standard streaming UX.
- **Deployed the application to production** using **Zoho Catalyst**, overseeing build configuration, hosting, and public access.

*Technologies / Tools Used : HTML, CSS, JavaScript, Zoho Catalyst*

## SKILLS

<b>Core Concepts :</b>	Data Structures & Algorithms, Object-Oriented Programming (OOPs), DBMS, Operating Systems, Distributed Systems (fundamentals)
<b>Tools Platforms :</b>	Git, GitHub, VS Code, MySQL, Firebase, Linux
<b>Additional Skills :</b>	distributed systems, concurrency, multi-threading, synchronization, data structures, algorithms, software design
<b>Frameworks Libraries :</b>	React.js, Scikit-Learn, Pandas, NumPy
<b>Programming Languages :</b>	C, C++, Python, JavaScript, Java, SQL

## CERTIFICATIONS

• Python Foundational Certificate	Infosys SpringBoard
• Data Analytics Job Simulation	Deloitte
• Software Engineer Intern Certificate	HackerRank
• Responsive Web Design	freeCodeCamp
• Full Stack Masterclass	freeCodeCamp

## AWARDS & ACHIEVEMENTS

- **Ranked 1st among 50+** competing teams in a rigorous internal hackathon selection round, demonstrating strong problem-solving and system-design skills
- **Smart India Hackathon — Internal Round Winner** 2025•  
Ranked 1st among 50+ competing teams in a rigorous internal hackathonselection round, demonstrating strong problem-solving and system-design skills
- **LeetCode — Competitive Problem Solving** Rating: 1500+• Solved 500+ algorithmic problems covering data structures, dynamic programming, graphs, and system design patterns
- **HackerRank & Codeforces** — Active competitive programmer; consistently ranked in top percentiles in global coding contests