

Vishal N

Data Engineer/ML Engineer

AI & Data Science student with hands on familiarity in Python, SQL, and aspiring in ML and neural networks. Exploring how structured data pipelines and cloud workflows can improve model performance and reliability. Interested in building practical AI solutions that combine clean data flows with well trained models.

+91 8015628822 | vishalmurugan006@gmail.com | [Github – vishal-46](#) | [LinkedIn - vishaln24](#)

Education:

Btech in Artificial Intelligence and Data Science, Graduation Year 2027

Stella Mary's College of Engineering, Nagercoil

GPA: 7.67 / 10.0 (4th sem)

- Pursuing B.Tech with Honors in Data Centered Technologies.
- Won Seed Money Grant for an IoT project with my team.

Technical Skills:

Languages - Python | SQL | R | Git | C# | HTML | CSS

Tools & Platforms - PostgreSQL | Docker | Blender | PowerBI | Tensorflow, Keras | Jupyter Notebook | n8n

Focus Areas – Machine Learning | Database Design | Cloud Computing | Business Analysis | 3D design

Experience:

- **Clan Lead | Byte-Bash-Blitz Community** (08/2025 - current)

- One of the Leads in a 54 member tech community, guiding a 9 member team.

- Organized and supported community programs, helping members grow through collaboration and skill building sessions.

- **UI/UX & AI Intern | StudAI** (06/2025 - 09/2025)

- Built and maintained n8n automation workflows to support internal processes at StudAI.

- Served as a team lead in the StudAI Genie division, coordinating tasks and guiding project execution.

- **Vice President Education | Toastmaster** (06/2025 – 01/2026)

- Toastmasters Member (1.5+ years): Enhanced public speaking and communication skills.

- Vice President Education (Jul 2025): Led club programs and developed leadership abilities.

Projects:

- **Image Categorizing CNN network**

- Built a CNN model to classify happy vs. sad faces with solid test accuracy.

- Applied TensorFlow/Keras for preprocessing, training, and evaluation.

- **Spotify Data pipeline**

- Built a data pipeline using Python and Spotify's API to collect and analyze track, album, and data

- Created interactive dashboards in Metabase to visualize trends and insights

- **Smart Waste Bin (SIH Hackathon)**

- Developed a sensor based waste segregation system, won college-level seed money program.

- Built using Arduino, breadboard setups, and embedded C programming.

Achievements and Certifications:

- **Microsoft Certified:** Fundamentals of C# (2024).

- **IIT Certifications:** Data Science for Engineers (IIT Madras).

- **AWS Academy Graduate** – Cloud Foundations.