

Coimbatore, Tamil Nadu,
India 641105.

EDUCATION:

B.Tech: Artificial Intelligence and Data Science | Nehru Institute Of Engineering and Technology, Coimbatore | June-2025 |
CGPA: 7.5.

Diploma: Electronic and Communication Engineering | Annai College of Engineering and Technology, Thanjavur | May-2021 |
GPA: 84%.

10th (SSLC) : Tamil Nadu Board | Minerva Higher and Secondary School, Thanjavur | May-2019 |
GPA: 71%.

ACHIEVEMENTS:

NPTEL:

- Foundation Of Cloud Iot Edge ML, 2025
- Deep Learning, 2024
- Machine Learning, 2024
- Python for Data Science, 2023

Value added courses:

- IBM Watson studio 2024
- Naan mudhalvan 2023
- Artificial intelligence - Workshop

CERTIFICATIONS:

Virtual Internships AICTE:

- Data Analytics Process Automation
- AI and ML, Google for Developers
- Data Science Master, ALTAIR
- AI and ML, AWS
- Networking cloud, JUNIPER

Courses:

- Networking Essentials, CISCO
- Data science with python
- AI for India 2.0

THIRUMARAN GK

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SUMMARY:

B.Tech AI & Data science graduate with hands-on experience in building ML models, PowerBI dashboards and cloud deployment. skilled in EDA, predictive modeling, statistical analysis, and SQL. Completed projects like Face recognition automation, Analytical dashboards, and real time chatbot development.

SKILLS:

Programming & Databases: Python, SQL, Java, HTML5.

Machine Learning & AI: Scikit-learn, Natural Language Processing, Deep Learning.

Visualization & Analytics: Power BI, IBM Cognos, Excel, Streamlit.

Cloud & Tools: AWS, Cloud Computing, Alteryx, GitHub, Jupyter Notebook.

EXPERIENCE:

Zico-Tech - Web Developer, Hyderabad, India | Nov-2024.

- Built front-end layouts according to customer parameters using HTML5 and CSS3.
- Implemented improvements in website responsiveness and loading speed.

Novi-tech - Cloud Computing, Coimbatore, India | July-2023.

- Deployed ML model on AWS cloud, improving prediction time and gaining experience in production-level pipelines.
- Gained hands-on experience with cloud architectures and deployment models.

PROJECT:

Sentinel Ai Intelligent Home Security & Automation

- Build real-time face recognition system with python & OpenCV to automate home door/lights.
- Developed the complete software system to work on real time data.

Tools used: python, OpenCV, Iot.

Goku AI Chatbot – AI Voice Assistant Project.

- Designed a real-time AI chatbot with Integrated OpenAI API for responses, and custom voice TTS for immersive character interaction.
- Delivering interactive user experience with natural conversations.

Tools used: python, edge-tts, OpenAI API.