

MITHILESH GOPALAKRISHNAN . S

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[LinkedIn](#) - [Kaggle](#) - [GitHub](#) - [LeetCode](#)

EDUCATION

VIT UNIVERSITY, Chennai	2022–2026
Bachelors of Technology in Electronics and Communication Engineering	CGPA : 8.70/10.00
NSN MEMORIAL SR. SECONDARY SCHOOL, Chitlapakkam, Chennai	2015–2022
	Grade XII – 91.4%

TECHNICAL SKILLS

Languages: Python, R, C, C++, Java

Databases: SQL, Firebase

Frameworks: Streamlit, Flask

Libraries: Pandas, Scikit-Learn, Seaborn, Matplotlib, PyTorch, TensorFlow

Visualization: PowerBI, Tableau

PROFESSIONAL EXPERIENCE

BAHWAN CYBERTEK *Software Engineering Intern* May–Jun 2025

- Optimized Flask applications with session management, reducing server load and response time by 40%.
- Automated extraction and transformation of unstructured PDF data for real-time file comparison.

PROJECTS

ThunAI: Real-Time Safety Reporting App Aug 2024

- Built a cross-platform safety app using Firebase and Twilio for real-time incident reporting.
- Integrated Google Maps API for live location tracking and heatmap-based risk analysis.
- Developed a user forum and implemented data visualization for community safety trends.

Advanced Road Safety using ADAS Warnings Feb 2024

- Clustered historical accident data to identify high-risk zones and recurring patterns.
- Applied spatial analysis to uncover location-specific trends and causal factors.

DermAI: Digital Assistant for Skin Cancer Detection Dec 2023

- Developed an AI platform for skin cancer detection using a CNN model for image analysis.
- Integrated a Gemini-powered medical chatbot for instant cancer-related queries and hospital recommendations.

Mail Summarizer using GenAI Apr 2023

- Integrated Gmail API for email extraction and Gemini API for automated summarization.
- Leveraged Google Calendar API for real-time calendar updates; developed using Django.

ACHIEVEMENTS

Winner – Data Analytics Hackathon — IIITDM, Kanchipuram

- Used ADAS and CAS data for advanced traffic analysis, identifying accident hotspots via spatial-temporal analytics.

Winner – ML Mania Challenge — Anna University

- Secured 1st place; built classification models with 94% accuracy using data cleaning and feature engineering.

Winner – DataQuest ‘25 — VIT

- Won Image Classification Challenge by developing a CNN model with 91% accuracy and interactive dashboard.

Finalist – CodeCycle — Anna Univ.

- Placed Top 20; solved advanced problems in JavaScript, Deep Learning, Linux automation, and cryptography.

Finalist – DataQuest ‘24 — VIT

- Ranked Top 5 among 250+ for strong EDA and pattern recognition skills.

CERTIFICATIONS

AWS APAC Solutions Architecture (Forage) Jan 2025

- Designed a scalable and efficient cloud hosting architecture using AWS Elastic Beanstalk to improve performance and handle high traffic growth.