LOGESH S

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PROFESSIONAL SUMMARY

Final-year **B.Tech AI & Data Science** student skilled in **Data Analytics, Machine Learning, and Computer Vision**. Achieved **90%+ accuracy** in deep learning models and built **interactive dashboards** (Excel, Power BI, Tableau) that cut decision-making time by 40%. Active **mentor and leader** in the **Rotaract Club** and **Department of AI & DS**, guiding peers in projects, events, and community initiatives.

EDUCATION

- **B.Tech – Artificial Intelligence and Data Science**, Kangeyam Institute of Technology   *2022 – Present*
  CGPA: 8.45
  Relevant Coursework: Data Science, Machine Learning, Deep Learning, Python Programming,
  Data Visualization

SKILLS

Programming: Python, C
Frameworks & Libraries: TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib
Data Analytics Tools: Excel, Power BI, Tableau, KNIME
Core Competencies: Machine Learning, Deep Learning, Computer Vision, NLP, Data Preprocessing, Model Optimization, Data Visualization
Soft Skills: Problem-Solving, Logical Thinking, Team Leadership

AREA OF INTEREST

- Deep Learning for Real-World Applications

- Machine Learning and Predictive Modeling

- Computer Vision and Gaze Tracking Systems

- Business Intelligence and Data Analytics (Excel, Power BI, Tableau, KNIME)

AI & ML PROJECTS

Multi-User Real-Time Eye Gaze Tracking System   *Python, OpenCV, MediaPipe,Tkinter*

- Built a real-time multi-user gaze tracker with unique labels and color-coded indicators.

- Improved accuracy by combining iris tracking, head-pose estimation, and regression models.

Gender Prediction Using CNNs   *MobileNetV2, InceptionV3, TensorFlow*

- Developed an ensemble model on IMDb and UTKFace datasets, achieving **90%+ accuracy**.

- Enhanced fairness with augmentation, fine-tuning, and balanced dataset training.

AI Assistant   *Python, NLP*

- Created a voice-enabled assistant with reminders, web search, and query answering.

- Applied intent recognition and semantic matching for accurate responses.

Student Attention Monitor   *Python, OpenCV*

- Designed a facial detection system to track student presence during sessions.

- Generated attendance analytics reports to aid educators.

DATA ANALYTICS PROJECTS

Banking Analytics Dashboard (Excel)

- Designed 3 dashboards analyzing customer behavior, transaction patterns, and loan/card performance.
- Integrated pivot tables, KPIs, slicers, and interactive filters for decision-making.

IPL Team Performance Dashboard (Power BI)

- A dynamic theme/title, dot ball percentage, and multi-filter interactivitynalyzed IPL matches (2008–2024) for team and player performance using DAX-powered metrics.

Advanced Learning Analytics Dashboard (Tableau)

- Built a dashboard tracking engagement, scores, and completion rates for e-learning platforms.
- Implemented parameter filters, Top-N analysis, and course-level drilldowns.

Spam and Fraud Detection (KNIME)

- Developed spam classification (85.54% accuracy) and fraud detection models using ML techniques.
- Preprocessed data with tokenization, stopword removal, and feature scaling.

INTERNSHIP EXPERIENCE

AI Intern – Lavendel Consulting   *May 2025 – Aug 2025*

- Built multi-user gaze tracking app with real-time accuracy and usability.
- Added face recognition, calibration, and gaze prediction in Tkinter UI.
- Optimized system for stable high-FPS multi-user performance.

In-Plant Internship – Global Knowledge

- Gained hands-on practice in KNIME for data analysis and feature extraction.
- Worked on preprocessing techniques and basic model deployment workflows.

CERTIFICATIONS

- Joy of Computing Using Python – NPTEL
- Foundation of Cloud, IoT & Edge ML – NPTEL
- Python for Data Science – Infosys Springboard
- Artificial Intelligence Primer – Infosys Springboard
- Artificial Intelligence Tool – KNIME
- Prompt Engineering - Infosys Springboard

ROLES & RESPONSIBILITIES

- **President – Association of AI & DS** (Aug 2025 – Present): Led initiatives, events, and collaborations.
- **Mentor – Rotaract Club** (Jul 2025 – Present): Guided members in projects and leadership.
- **Secretary – Rotaract Club** (Jul 2024 – Jun 2025): Managed operations and 25+ events.
- **Class Representative** (2023 – Present): Acted as liaison between faculty and students.

AWARDS & RECOGNITION

- **Best Secretary Award** – Recognized for leadership in Rotaract Club.
- **Outstanding Academic Performance** – For top performance among students in RI District 3203.
- **1st Prize** – Coding & Debugging Competition at Vellalar College of Engineering and Technology.
- **Selected for Infosys Virtual Internship 6.0 (AI/ML)** – Program starting Nov 2025.