RESUME
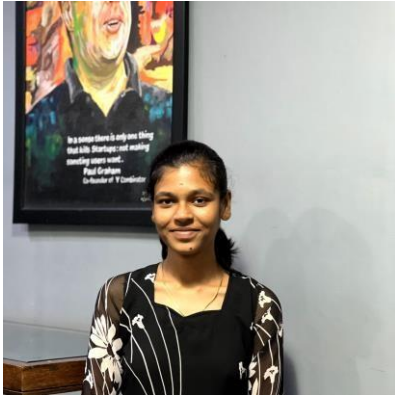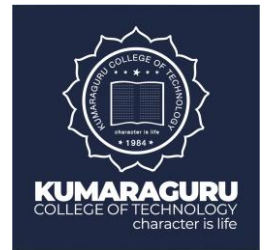
Srinithi K

B.Tech Artificial Intelligence & DataScience

7708402991

srinithikumaresh@gmail.com

Srinithi's Linkedin

Srinithi's Github

Objective:

Data science enthusiast on a mission to turn raw data into groundbreaking innovations. With expertise in AI, IoT, and GenAI, I thrive on solving real-world challenges, from predictive healthcare to intelligent automation. Driven by curiosity and impact, I aim to craft data- driven solutions that redefine industries and empower the future.
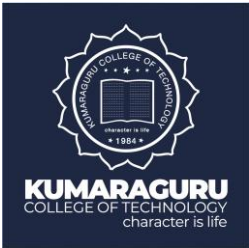

Education:

- **B.Tech Artificial Intelligence & DataScience | 2022-2026**
  Kumaraguru college of Technology - CGPA -8.6

- **HSE | 2021-2022**
  Infant Jesus Matric Hr. Sec. School – 97%

- **SSLC | 2019-2020**
  Infant Jesus Matric Hr. Sec. School – 93%

Soft Skills:

Problem-Solving , Innovation Leadership , Cross-functional teamwork, Communication , Decision -Making Adaptability ,Learning Agility Time Management & Multitasking, Customer-centric communication.

Technical Skills:

Python Programming ,AI/ML & frameworks, Data Science , Analytics, Data Visualization, Product Development , Prototyping, SQL data querying, Deep learning, Computer Vision.

Project :

- **Water Quality Kit:** Utilizes UV absorption spectroscopy, dual-chamber chemical detection, real-time sensor data acquisition, and solar-powered embedded hardware for portable water testing.

- **GenAI Pest Prediction**: Employs generative AI models, time-series climate data analysis, historical pest trend modeling, early warning system generation, and personalized mitigation algorithms.

- **Peritoneal Dialysis Device**: Features IoT connectivity, Bluetooth Low Energy (BLE) communication, servo and PGDC motor control, real-time health monitoring via a mobile app, safety sensors (IR and photo), and embedded system integration.

Certification:
- ProtoSem – Innovation & Product Development – **Forge Innovation & Ventures**
- Reinforcement Learning , Metaverse Development (AR/VR/MR/XR) – **Coursera**
- AI/ML Internship Certification – **AICTE**
- **Infosys Springboard** – Agile, ER Modeling, BI, Time Management, Presentation C Writing Skills
- **TATA** – Data Visualization Certificate

Internship / Research:

- **AI/ML Internship – AICTE** – Worked on AI/ML applications, gaining practical exposure to model training, deployment, and real-world use cases.
- **Proto-Sem – Forge Innovation s Ventures (Graduate Innovation Engineer**) – Worked on innovation- driven projects, product development, and real-world problem-solving through an industry-led program.
- **Smart India Hackathon Finalist** – Researched and developed an AI-powered chlorine detection system, leveraging machine learning for real-time water quality analysis.

Personal Interest:

- AI & Data Science Innovations
- Tech-Driven Problem Solving
- Hackathons & Competitive Coding Thought Leadership & Mentorship
- Data Visualization & Storytelling
- Autonomous Robotics & IoT Applications

Languages Known:
English, Tamil

Achievements:
- **Smart India Hackathon (Finalist) – 2024**
- **WISE-Ai-THON(Finalist)**
- **1st Place – Poster Presentation on ML**
- **Mahatma Gandhi National Scholarship Awardee – 2024 to 2025**
- **CodHer'24 – Participant**
- **ServiceNow (Final Round Candidate)**
- **Hyper-Verge Hackathon (Finalist)**

DOB: 21-11-2004

Address: 2/261, Semmipalayam, Palladam , Tirupur (dist) , TamilNadu- 641662