KAMASHWARA D K

Chennai, Tamil Nadu, India

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EDUCATION

SRM Institute of Science & Technology, Ramapuram.   Chennai, TN
B-Tech - Computer Science and Engineering with specialization in Cloud Computing   2023 – 2027
CGPA - 9.33

PROJECTS

Stock Vision AI with Apache Spark | Python, Apache Spark, TensorFlow, Big Data
- **Developed** advanced machine learning models **(LSTM/CNN)** for market trend forecasting, mentored by the **IEI Qatar Chapter** technical team.

Smart India Hackathon (SIH) 2025 – Pre-Finalist
S.M.A.R.T. – Smart Monitoring & Analysis of Rails & Trains | *Edge AI, IoT, Computer Vision, Python*
- **Developed** an autonomous **Edge AI** solution to retrofit onto existing rolling stock for real-time vibration anomaly detection using vibration sensor and visual track defect identification using camera module.

EXPERIENCE

IT Intern | Al Ajjai Limited Company WLL | Doha, Qatar [Certificate]
June 2025 – July 2025
- **Managed and maintained server infrastructure** by taking day to day Cloud-Backup, ensuring high availability and optimal performance for internal systems.
- **Optimized network connectivity** by configuring subnets and assigning static/dynamic IP addresses for user systems, while collaborating with the technical team to resolve hardware and connection issues.

AI Development Intern | The Institution of Engineers (India) [IEI] | Qatar Chapter [Certificate]
June 2025 – July 2025
- **Developed and deployed** an AI-powered chatbot designed to automate customer support and enhance user interaction.
- **Utilized Python, Dialogflow, and NLP tools** to design complex conversation flows and natural language understanding modules.

IT Intern | Al Sahraa Recruitment Services | Abu Dhabi, UAE [Certificate]
December 2025 – January 2026
- **Provided advanced support within the Microsoft 365 environment**, managing user identities and troubleshooting cloud-based applications.
- **Assisted with Fortinet security infrastructure**, gaining practical exposure to configuring and monitoring **FortiGate firewalls**.

Andropedia Club
President | **2025 – Present**

TECHNICAL SKILLS and INTERESTS

Programming Languages: C++, Python, Java, SQL, HTML, CSS
Databases: MySQL, MongoDB
Areas of Interest: Full Stack Development, Cloud Technologies
Soft Skills: Leadership, Self-learning, Active Listening, Adaptability, Team Collaboration

CERTIFICATIONS

SQL(Advance) - HackerRank
[Certificate]
AIML - Pregrad
[Certificate]