

KAMASHWARA D K

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INTRODUCTION

High-achieving Computer Science and Engineering undergraduate specializing in Cloud Computing with a 9.33 CGPA. Proven experience in AI model development, server infrastructure management, and network optimization through internships in Qatar and the UAE. proficient in Python, Java, and Apache Spark, with practical exposure to deploying Edge AI solutions and chatbot development.

EXPERIENCE

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.

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, Dialog-flow, and NLP tools** to design complex conversation flows and natural language understanding modules.

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.

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

Big Data Analysis with Scala & Spark | Coursera | Oct – 2025 [Certification]

SQL(Advance) | Hacker-Rank | May – 2025 [Certificate]

AI & Machine Learning | Pregrad | Jan – 2025 [Certificate]

EDUCATION

SRM Institute of Science & Technology, Ramapuram.

B.Tech - Computer Science and Engineering with specialization in Cloud Computing
CGPA - 9.33

Chennai, TN

2023 – 2027

ACHIEVEMENT

Andropedia Club | SRM Institute of Science & Technology, Ramapuram.

President | 2025 – Present