**Raguraman R V**

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**Objective**

Motivated and detail-oriented Python & Data Science enthusiast with a strong foundation in programming, machine learning, and cloud technologies. Proficient in building data-driven solutions, analyzing datasets, and developing scalable applications. Eager to contribute to real-world projects, continuously learn emerging technologies, and grow into a skilled Data Scientist/AI Engineer.

**Education**

B.Tech – Artificial Intelligence and Data Science | CGPA: 6.9  
K. Ramakrishnan College of Engineering | 2021 – 2025

Higher Secondary (HSLC) – 73%  
Chellammal Boys Matric Higher Secondary School | 2021

Secondary School (SSLC) – 69%  
Chellammal Boys Matric Higher Secondary School | 2019

**Technical Skills**

• Programming: Python, Java, JavaScript

• Data Science & ML: Pandas, NumPy, Scikit-learn, Data Visualization (Matplotlib/Seaborn), ML Algorithms

• Databases: MySQL, NoSQL basics

• Web Development: HTML, CSS, JavaScript, React/Angular (basics), REST APIs

• Cloud Platforms: AWS (Cloud Practitioner certified), Azure basics

• Other Tools: Git/GitHub, Excel, Pega (CSA, CSSA Certified)

• Soft Skills: Problem-solving, Analytical Thinking, Collaboration, Adaptability

**Projects**

**Mobile Radiation Monitoring System**

• Designed and developed a system to monitor and analyze radiation levels emitted by mobile devices.  
• Collected SAR values and electromagnetic exposure data using IoT sensors.  
• Processed and visualized data using Python & Excel.  
• Delivered a simple dashboard for users to interpret results.

**Customer Churn Prediction (Mini Project)**

• Built a machine learning model to predict customer churn for a telecom dataset.  
• Performed data cleaning, feature engineering, and model training using Logistic Regression and Random Forest.  
• Achieved 94% accuracy and visualized customer behavior patterns.

**Student Performance Analysis**

• Analyzed student exam performance data using Python, Pandas, and Seaborn.  
• Identified key factors influencing student outcomes.  
• Built regression models to predict performance and presented insights via graphs.

**Certifications**

• Pega Certified System Architect (CSA)

• Certified Senior System Architect (CSSA)

• AWS Certified Cloud Practitioner

• Cloud Computing (NPTEL)

**Academic Achievements & Activities**

• Presented papers on AI in Healthcare Applications at a college symposiums

• Participated in multiple hackathons and coding contests

• Active member of the AI & Data Science Club, mentoring juniors in Python basics

**Strengths**

• Quick learner with the ability to adapt to new tools and technologies

• Strong teamwork and communication skills

• Passionate about solving real-world problems through data