

RAJHAVEL V S

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PROFESSIONAL SUMMARY

Second-year B.Tech Computer Science student at Karunya University, Coimbatore, currently focused on learning Artificial Intelligence and Machine Learning. Building strong foundations in Python, data structures, and algorithmic thinking. Passionate about applying emerging technologies to solve real-world challenges and eager to contribute to projects that enhance learning and innovation.

TECHNICAL SKILLS

- Programming Languages:** Python, Java, C, C++
- Web Development:** HTML, CSS, JavaScript, React
- Database & Tools:** SQL, Power BI, GitHub

EDUCATION

B.Tech in Computer Science and Engineering (Artificial Intelligence & Machine Learning)

Karunya Institute of Technology and Sciences, Coimbatore | Aug 2023 – Present

CGPA: 8.43 (till Semester 3) | **SGPA (Semester 4):** 8.71

Amrita Vidyalayam – HSC (Class XII, PCMC)

Coimbatore, Tamil Nadu | 2023

Percentage: 77.4%

Amrita Vidyalayam – SSLC (Class X)

Coimbatore, Tamil Nadu | 2021

Percentage: 75.4%

RELEVANT COURSEWORK

- Artificial Intelligence & Machine Learning Fundamentals
- Cybersecurity
- Operating Systems
- Object-Oriented Programming
- Database Systems

CERTIFICATIONS

Google AI Essentials | 2024

- Studied the fundamentals of Artificial Intelligence and Machine Learning.
- Explored real-world applications of AI in various domains.

Google Cybersecurity | 2024

- Gained practical skills in threat detection, prevention, and cyber risk mitigation.
- Covered topics including ethical hacking, network security, and secure system design.

EXPERIENCE

Python Developer Intern | Next24Tech | 2023

- Developed a Tkinter-based registration form and chatbot.
- Built a GUI lyrics extractor using API integration and web scraping.

Member – Rotaract Club | 2024 – Present

- Engaged in leadership-building programs and community service initiatives.

Cybersecurity Learner – GDSC Google | 2023 – Present

- Participated in workshops on ethical hacking, network security, and threat analysis.

FREELANCE PROJECTS

MEMORY TELLER – AI for Amnesia Patients | 2024

- Implemented facial recognition and speech synthesis for real-time interaction and memory assistance.
- Aimed at enhancing the daily life of patients with memory impairments.

RETAIL SHOP BILLING SOFTWARE | 2023

- Built a desktop billing system using Tkinter and MySQL with real-time inventory tracking and management.
- Designed for small to mid-sized retail operations.

TRAVEL ON YOUR DESIRE – Smart Travel Planner | 2024

- Created an intelligent travel planning tool with personalized recommendations based on user preferences and weather conditions.

BUS TRANSIT AI – Route Optimization System | 2024

- Developed an AI-driven bus routing system using commuter data to optimize transit efficiency and reduce travel time.

ACHIEVEMENTS

Gen-AI Hackathon – Intel @ KPR | 2024

- Participated and contributed innovative AI-based solutions in a team-based hackathon.

BugBash Python Coding – Mindkraft, Karunya | 2024

- Secured 2nd place in a competitive Python coding challenge focused on debugging and problem-solving.

LANGUAGES

- **Tamil** – *Native Proficiency*
- **English** – *Professional Working Proficiency*
- **Hindi** – *Basic*