Jaya shree Prakash

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Education

Sivanthi matriculation Hr sec School   2022
Secondary (Score:496/500) and higher Secondary (Score: 567/600)   *Chennai, TamilNadu*

Rajalakshmi Institute of Technology   2022-2026
Bachelor of Technology in Artificial Intelligece and Data Science (GPA: 9.41 / 10)   *Thiruvallur, TamilNadu*

Achievements

- **Geeks for Geeks:** Secured 278 score by solving 95+ problems with institution **rank of 24.**
- **Leetcode:**   Solved **60+ problems in python java and c++** and attended weekly coding contest.
- **Skillrack:** Solved **383 Basic and Intermediate level problems** in C programming, java and sql.
- Completed 150+problems in **Striver's SDE sheet 2023** a comprehensive collection of interview questions.
- Completed 2 Certification in **NPTEL** with **Silver and Elite** Performance.
- Received **RIT's Young Innovator's Award 2024** in Project Expo and Participated in **50 hours hackathon.**
- Published research paper titled "**Optimized Analysis and Storing of Images – QR Code**", Migration Letters, **2023**.
- Conducted **Educational Research** on **100+** peoples about **How people approach programming Languages**.

Experience

Rajalakshmi Institute Of Technology   Apr 2024 – Present
Student Ambassador   *Thiruvallur, Tamil Nadu*
- Mentored students to improve **technical skills, academics, and hackathon projects.**
- Facilitated collaboration between students and faculty, **fostering innovation and excellence.**
- Organized **workshops and training sessions** to promote hands-on learning and industry readiness

Centre for Excellence — RIT   July 2024 - Aug 2024
Machine Learning Intern   *Thiruvallur, TamilNadu*
- Researched **gamification algorithms, industry trends, and advancements in reinforcement learning.**
- Explored **Actor-Critic techniques** in dynamic environments for **adaptive learning systems.**

Spinacle   Apr 2025 - May 2025
AI content Developer and Research Intern   *Remote, Chennai*
- Developed **empathetic, patient-focused content on cancer care, emotional wellness, nutrition, and chatbot flows.**
- Contributed to **AI-driven messaging and tools** to enhance patient experience through **human-centered design**.

Projects

UNDOPE | *Flutter, Unity, C sharp, MongoDB*   Link
- Developed a gamified app with **Unity, C sharp, and Flutter to educate athletes on anti-doping rules.**
- Integrating **quizzes, challenges, and real -time feedback system** to boost engagement and Interactive .
- Architected backend with MongoDB, enabling efficient user management, progress tracking, and scalable storage.

GREEN CAMPUS RIT | *Tableau,python*   Link
- Built a **Tableau dashboard analyzing water, energy, and waste data at RIT.**
- Identified sustainability trends to support resource optimization and waste reduction.
- **Collaborated with mentors** for accurate data collection.

GRAM VANTAGE | *Flutter, Figma, Python, MongoDB*   Link
- Developed **a one-stop solution for Gram Panchayat issues**, including employment and education needs.
- Built an application using **Flutter, Python, and MongoDB, with UI/UX designed in Figma.**
- Planned to **Implemented as both a mobile app and a kiosk-based software** system.

Technical Skills

Languages: Python, C, HTML, CSS, Java, C++,sql
Technologies: TensorFlow, NumPy, Pandas, Scikit-learn, OpenCV, Docker, Mysql, MongoDB.
Concepts:Operating System, Artificial Intelligence, Machine Learning, Neural Networks, DBMS, Computer Networks
Design Skills:UI/UX design, wireframe, Graphics. **Tools**:Visual Studio Code, Git, Gitlab, PowerBI, Tableau, Excel, Chat GPT..