

Pavan kalyan Katharashala

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Education

SR University, Bachelor of Technology in Computer Science 2022 – 2026

- GPA: 8.5/10.0
- **Coursework:** Data Structures, Design and Analysis of Algorithms, Operating System, Network Security, Data Mining, C, Python, Java, Web Designing (HTML/CSS/Java Script)

Experience

AICTE Intern, India, [\(Certificate\)](#) [\(Certificate\)](#) [\(Certificate\)](#)

- I did virtual Internships at AICTE eduskills conducted by SR university, Where I completed Cyber Security virtual supported by Paloalto, and zero trust cloud security virtual internship by zscaler and AI-ML virtual Internship by Google.

Technical Skills

Languages: C, Python, Java

Tools & Frameworks: Django, Git, Visual Studio

Web Programming: HTML, CSS, JavaScript

DataBases: SQL, MYSQL, PLSQL, MongoDB

Projects

Movie Ticket Booking System | C [\(GitHub\)](#) Jul 2023

- Developed a fully functional deployed Movie Ticket Booking System in a period of 2 weeks.
- The Popularity-based Movie Ticket Booking system make users to book tickets with user friendly.

Online Food Website Project | HTML, CSS [\(GitHub\)](#) Nov 2024

- Developed a fully functional online organic food website using HTML and CSS, ensuring a visually appealing and user-friendly interface.
- Focused on responsive design and seamless user experience to enhance customer engagement.

Weather Prediction System | Python, AI/ML [\(GitHub\)](#) May 2024

- Developed a Weather Prediction System using machine learning to forecast temperature and weather conditions based on historical data.
- Implemented using Python and libraries like pandas, scikit-learn, and matplotlib for analysis and visualization.

Achievements

- Completed a certification in Cloud Foundations from AWS Academy. [\(Certificate\)](#).
- Published a patent on System for Lung Nodule Detection using AI and Deep Learning. [\(Certificate\)](#).
- Completed a certification in CCNA:Data Analytics Essentials from Cisco. [\(Certificate\)](#).
- Completed a certification in CCNA:Endpoint Security from Cisco. [\(Certificate\)](#).

Certifications

Microsoft Certified: Azure Fundamentals [\(Verify\)](#) March 2024

Cisco:Introduction to Networks. [\(Verify\)](#) March 2024

Cisco:Introduction to CyberSecurity [\(Verify\)](#) Oct 2023

AWS Academy:Cloud Data Pipeline Builder. [\(Verify\)](#) Nov 2024

AWS Academy:Cloud Web Application Builder [\(Verify\)](#) Nov 2024