

Rasuri Pavithra

LinkedIn: [linkedin.com/in/rasuri-pavithra-478887358](https://www.linkedin.com/in/rasuri-pavithra-478887358) GitHub : github.com/Rpavi43 Email: pavithraredy2104@gmail.com

Mobile No: +91 9652548924 Location: Hyderabad

PROFESSIONAL SUMMARY

Software Development Engineer skilled in Java, Python, and Data Structures & Algorithms with hands-on experience in Object-Oriented Design, scalable system development, and full-stack web applications. Experienced in problem-solving, distributed systems concepts, and building reliable, efficient, and user-focused solutions.

EDUCATION

Stanley College of Engineering and Technology for Women Bachelor of Engineering – Computer Engineering; CGPA: 9.52 Telangana State Board of Intermediate Education Intermediate; Percentage: 95% Board of Secondary Education, Telangana SSC; CGPA: 10.0	Hyderabad, India 2022 - Present Hyderabad, India 2020 – 2022 Hyderabad, India 2019 - 2020
--	---

SKILLS

- Programming Languages:** Java, Python, C, HTML, CSS, JavaScript
- Core Competencies:** Data Structures & Algorithms, Object-Oriented Programming, System Design, Problem Solving
- Frameworks/Libraries:** Spring Boot, Flask, React
- Tools & Platforms:** Git, GitHub, AWS(EC2 basics), VS Code, IntelliJ IDEA, Eclipse, Windows, Ubuntu
- Databases:** MySQL
- Development Practices:** Agile, REST API Development, Unit Testing, Code Optimization

WORK EXPERIENCE

AI/ML Research Intern Telugu TTS Model Optimization	May – June 2024
<ul style="list-style-type: none">Enhanced a Telugu Text-to-Speech model by collecting and annotating 50+ audio samples, applying neural networks using Python and Scikit-learn.Contributed to AI model training and evaluation workflows in a real-world ML pipeline using Jupyter Notebook and Git.	
Software Development Intern Stanley College of Engineering and Technology for Women	Feb 2025 – Present
<ul style="list-style-type: none">Developing a scalable ERP form management system using Java, Spring Boot, and MySQL. Designed modular backend components with REST APIs, optimized database queries (20% faster response), and applied Object-Oriented Design principles. Collaborated in an Agile team to improve system reliability and consistency across platforms like NAAC, NBA, and Osmania University.	
Web Development Intern Octanet Services PVT LTD	May – June 2024
<ul style="list-style-type: none">Completed assigned website development tasks using HTML5, CSS3, and JavaScript, focusing on responsive and user-friendly design.Built and deployed mini-projects that demonstrated front-end development skills and improved UI/UX understanding.	

PROJECTS

Future Insights: AI Career Guide	November 2024
<ul style="list-style-type: none">Created an AI-powered platform recommending career paths using ML-based profile clustering and interactive UI.Conducted Testing with 100+ users to optimize guidance accuracy and streamline decision-making flow.	
EventEase: Event Management Platform	April 2025
<ul style="list-style-type: none">Built a scalable full-stack event management system using Flask, MySQL, for event registration, admin control, and user access management.Implemented REST APIs, secure authentication, and image upload features, reducing manual event handling tasks by 50%.	
AI-Driven Online Course Recommendation System	May 2025
<ul style="list-style-type: none">Designed a hybrid recommendation engine integrating content-based and collaborative filtering using Python and Pandas.Enhanced personalization and improved recommendation accuracy by 25% through analysis of user feedback, ratings, and interests.	

CERTIFICATES

Software Engineering Virtual Experience (Hewlett Packard Enterprise – Forage)	April 2025
Data Analytics & Forensic Technology Virtual Experience (Deloitte Australia – Forage)	April 2025
GenAI Powered Data Analytics (TATA group – Forage)	July 2025
Google Cybersecurity (Coursera by Tata Strive)	March 2023
IDEATHON 2.0 – Startup Conclave (Stanley College) Participation Certificate	April 2024
App Development Workshop – Flutter Fiesta (MJ College of Engineering & Technology)	November 2023
C Programming (IIT Bombay Spoken Tutorial-Score:95%)	July 2023
Short-Term Training Program on Cybersecurity (Stanley College) Participant	April 2025