

PENTA RAMYA SRILAKSHMI

Phone: +91 75699 34109

Email: ramyasrilakshmi7@gmail.com

LinkedIn: penta-ramya-srilakshmi-b12279295

GitHub: Ramya934109

Education

Bonam Venkata Chalamayya Institute of Technology and Science

Bachelor of Technology in Computer Science(7.86)

Amalapuram

Aug 2022–May 2026

Srichaitanya Junior College

Intermediate(10+2)(9.1)

Amalapuram

Aug 2020–May 2022

ZPP High School

Secondary Education(10th)(10.0)

Kondukuduru

Aug 2019–May 2020

Skills

- **Programming Languages:** Java, Python, SQL, JavaScript, HTML/CSS, Manual Testing
- **Frameworks & Libraries:** Pandas, NumPy, Matplotlib
- **Tools & Platforms:** Git, Google Cloud Platform, VS Code, Eclipse
- **Soft Skills:** Adaptability, Problem-Solving, Critical Thinking

Internships

Python Development Intern

July 2024 – August 2025

CognoRise InfoTech

- Attained a 30-day internship focusing on Python development.
- Worked on automating data processing tasks and developing scripts to streamline workflows.
- Enhanced existing Python applications by optimizing code and improving efficiency.

Java Full Stack Developer Intern

April 2025 – June 2025

EduSkills Academy, in collaboration with AICTE

- Successfully finished a 10-week virtual internship as a Java Full Stack Developer.
- Developed and maintained web applications using Java, Spring Boot, and Angular.
- Implemented RESTful APIs and integrated front-end components to enhance user experience.

Projects

YouTube Video Transcript Summarizer

June 2024 – July 2024

Technologies:Python, BART, Streamlit, React.js, HTML, CSS, JavaScript

- Achieved a web application to summarize YouTube video transcripts.
- Utilized the 'youtube-transcript-api' to fetch captions.
- Implemented BART for abstractive summarization.
- Designed the user interface with Streamlit and React.js.

Smart Surveillance System using AWS

April 2025 – May 2025

Technologies:Python, AWS, OpenCV, HTML, JavaScript

- Implemented real-time object detection by streaming camera capture to AWS Rekognition.
- Configured Amazon Rekognition to send notifications via Amazon SNS upon detecting specified objects, facilitating immediate alerts for relevant events.
- Developed a web dashboard to display live video, detection logs, and user-controlled event archives.

Certifications

Oracle Academy: Java Programming

Completed: November 2023

Issued by Oracle Academy

- Completed foundational course in Java programming.
- Gained understanding of object-oriented programming, classes, and control structures.

NPTEL: The Joy of Computing using Python

Completed: Jan–Apr 2024

Issued by NPTEL (IIT Ropar)

- Explored programming concepts using Python in a fun and intuitive way.
- Worked on logic building, algorithms, and real-world problem solving using Python.

IBM: SQL and Relational Databases

Completed: March 2025

Issued by IBM

- Gained proficiency in SQL and relational database management systems.
- Learned database design, normalization, and query optimization.

BitLabs: Python

Completed: February 2025

Issued by BitLabs

- Mastered Python fundamentals and core programming concepts.
- Built skills in data structures, algorithms, and OOP.

Declaration

I hereby solemnly declare that all the information provided above is true and accurate to the best of my knowledge and belief.