

Polisetty Teja Sairama Sathvik

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Internships

Web Development Intern – Elevate Labs

May 2025 – June 2025

- Developed and enhanced full-stack web application features while collaborating with developers in an Agile environment.
- Used HTML, CSS, JavaScript, REST APIs, Git, and deployment tools to build and improve web solutions.
- Learned debugging, code reviews, deployment workflows, and teamwork practices, earning the “Best Performer” award.

Research Intern – Justice-GPT Project, SRM University

June 2025 – Aug 2025

GitHub Repository

- Contributed to an AI-powered legal assistant that maps crime descriptions to relevant IPC sections.
- Used React.js, Tailwind CSS, JavaScript, Gemini API, and prompt engineering techniques.
- Learned AI integration, LLM prompting, API handling, and responsive frontend development.

Python Development Intern – CodexIntern

Sept 2025 – Oct 2025

- Completed Python development tasks involving problem-solving and application development.
- Used Python, Object-Oriented Programming, Data Structures, and File Handling concepts.
- Improved coding efficiency, software development practices, and technical problem-solving skills.

Projects

Justice GPT – AI Legal Assistant

GitHub

- Built an AI-powered legal assistant that predicts IPC sections from user-provided crime descriptions.
- Developed using React.js, Tailwind CSS, JavaScript, and Gemini API integration.
- Gained experience in AI application development, prompt engineering, and frontend architecture.

Crop Disease Detection – Deep Learning

GitHub

- Developed a deep learning model to identify crop diseases from plant leaf images.
- Used Python, CNNs, TensorFlow/Keras, OpenCV, and image processing techniques.
- Learned computer vision, neural network training, model evaluation, and dataset preprocessing.

Smart Home Automation System

GitHub

- Created a voice-controlled smart home system for managing appliances through user commands.
- Built using Python, JavaScript, speech recognition, and automation libraries.
- Learned automation concepts, event-driven programming, and software-hardware integration.

Smart Grievance Management System

GitHub

React.js, Node.js, AWS Lambda, DynamoDB, API Gateway, Amazon Cognito, Amazon S3

- Developed an AI-powered grievance platform for complaint registration, tracking, and management.
- Used React.js, Node.js, AWS Lambda, DynamoDB, API Gateway, Cognito, and Amazon S3.
- Learned serverless architecture, cloud services, authentication mechanisms, and scalable system design.

Skills

Languages C, C++, Python, Java, JavaScript, TypeScript, SQL, HTML, CSS

Frameworks React.js, Node.js, Express.js, Flask, Tailwind CSS

Education

2023 – 2027	B.Tech in Computer Science and Engineering, SRM University-AP	CGPA: 8.18
2023	Class 12, Bhashyam Junior College	87%
2021	Class 10, Sri Venkateswara Balakuteer	81%

Certifications

- Introduction to C
- Microsoft Office Specialist Certification
- Java SE 17 Developer
- AWS Cloud Practitioner