

SURIYANARAYANAN G

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EDUCATION

B.Tech in Information Technology (GPA: 8.4)

July 2022 – May 2026

Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal

SKILLS SUMMARY

- Languages:** Python, SQL, C, C++, JavaScript
- Frameworks:** Flask, NumPy, React.js
- Tools:** Postman, Excel, PowerPoint, GitHub, MySQL
- Platforms:** PyCharm, Jupyter Notebook, Visual Studio Code, IntelliJ IDEA
- Soft Skills:** Problem-Solving, Team Collaboration, Communication, Time Management, Adaptability.

WORK EXPERIENCE

Junior Software Engineer Intern at SkillRank

March 2025 - July 2025

- Contributed to the development of FAAST (property-level automation system) by building features for data extraction, report generation and dynamic frontend rendering using Python, React, and MongoDB.
- Supported the Pasco GovTech AI project, integrating AWS Textract, FastAPI, and OpenAI for automated document processing and property data insights.
- Collaborated with senior developers to debug, optimize workflows, and improve system performance across multiple modules.
- Gained hands-on experience with AWS Lambda, API Gateway, GitHub, and REST API development.
- Enhanced frontend usability by designing responsive UI components and improving user interaction for property dashboards.
- Assisted in unit testing and code reviews to ensure quality, maintainability, and adherence to best practices.

PROJECTS

Movie Recommendation System

January 2025

- Built a hybrid movie recommendation system combining content-based and collaborative filtering for personalized suggestions.
- Developed the backend using Python (Flask) with a JSON file as the data source.
- Designed an interactive frontend with HTML, CSS, and JavaScript to search movies, display details in modals, and manage playlists.

Personal AI - Chatbot

October 2025

- Developed an interactive AI-powered chatbot capable of understanding user queries and generating human-like responses using NLP techniques.
- Integrated the Gemini API to improve conversational quality, context retention, and personalized assistance.
- Implemented features for task automation, including reminders, quick answers, and information retrieval to improve overall user productivity.

CERTIFICATES

Fundamentals of Web Development

July 2025

- Learned HTML, CSS, JavaScript, and responsive design; earned digital badge.

SkillRank Internship Certificate – Junior Software Engineer

July 2025

- Worked on Faast and Pasco Govtech AI projects involving Python, React, MongoDB, AWS.

The Complete Full Stack Web Development Bootcamp – by Dr. Angela Yu

August 2025

- Completed hands-on training in HTML, CSS, JavaScript, Node.js, Express, and MongoDB.

Python Programming – GeeksforGeeks

September 2025

- Completed Python basics to advanced concepts including loops, functions, OOP, and problem-solving.