

VENUDATTA KARUMURI

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[My Portfolio Page](#)

PROFILE SUMMARY

Highly motivated and results-oriented Software Engineer with experience in building automated loan processing applications using Salesforce and has strong foundational skills in Python, Machine Learning, and web development. Eager to leverage expertise in application development and automation to secure a challenging role in IT Tech Industry where I can contribute to efficient and innovative solutions.

ACADEMIC QUALIFICATION

Bachelor of Technology in electronics and communication engineering, Vishnu Institute of Technology, Bhimavaram, 8.2 CGPA JUN 2018- MAY 2022.

WORK EXPERIENCE

PERSISTENT SYSTEMS LIMITED, Hyderabad.

Designation: Software Engineer

July 2022 – March 2024

- **Project 1:** Worked in the project designated 'Hero Housing Finance' which is an automated home loan processing application to the eligible customers using the salesforce CRM Platform with detailed customer verification procedure and documentation in stages. My responsibilities were to writing unit apex tests and deployment of unit tests to QA and sandbox environments in developer orgs.
- **Project 2:** Worked in a project titled 'Piramal Finance and capital Ltd' with a team of 12 members. The project is also about developing an automated loan processing application to the verified and eligible customers with all the necessary documents and proofs collection and stored in the database. My responsibilities were to integrate the application with the custom third party apps using API and soap protocols and build small scale custom functionalities in Lightning environment using custom objects.

ACADEMIC PROJECTS

1. **Title:** Detection of Leukemia Cancer Using Digital Image Processing Techniques in LabVIEW Tool

Team Size: 4

March 2022 – May 2022

Summary:

Role: Team Leader

Based on the input images provided to the system identifies whether Leukemia is present or not using digital image processing techniques like segmentation, feature extraction and RGB conversion etc. The output of the system identifies and counts the number of infected cells and indicates by displaying a message.

2. Title: Automatic detection of fake paper currency using MATLAB.

Team Size: 4

June 2021 – August 2021

Summary:

Role: Team Player

Fake currency notes are detected in the system using the MATLAB software and a microcontroller serially interfaced with final output of the MATLAB flow. The flow starts from image acquisition, grayscale conversion, edge detection and feature extraction. LED light is glowed in the microcontroller if a fake currency note is captured.

TECHNICAL SKILLS

- Python Programming(OOPs, Flask Framework, Libraries)
- Machine Learning(Classification, Regression, Clustering)
- Power BI, Tableau
- Advanced Excel
- SQL (PostgreSQL, Microsoft SQL Server, NoSQL)
- Salesforce (Lightning Web Components, Integration, Apex)
- HTML, CSS, Bootstrap, JavaScript
- Data Structures and Algorithms(Linked Lists, Heaps, Sorting)

INTERNSHIPS

- **Persistent Systems Limited, Hyderabad. February 2022- July 2022**
Role: Software Intern

Trained on Core Java and Java Framework such as Spring Boot, Apache and Maven dependencies and also trained on Salesforce Admin and development Concepts especially Flows, Security Settings, Aura, Lightning web components (LWC).

- **Full Stack Boot camp, Virtual. March 2021- June 2021**
Role: Trainee/Intern

Trained on Front End Technologies Such as HTML, CSS, Bootstrap and JavaScript. Developed simple portfolio and calculator webpages. For the final assessment of the internship created a Martial arts simulation game.

CERTIFICATIONS

- **Machine Learning** from INTERNSHALA TRAININGS, October 2024.
- **Career Essentials in Data Analysis** from LinkedIn associated with Microsoft, August 2024.
- **Career Essentials in Generative AI** from LinkedIn associated with Microsoft, August 2024.
- **Elements of AI** from university of Helsinki, May 2024.
- **Azure Fundamentals (AZ-900)** from Microsoft, October 2022.

LANGUAGES KNOWN

English (proficient), Telugu (native) and Hindi (competent)