

SANDHYA PORANKI

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Education

Bachelor of Technology in Computer Science and Engineering <i>Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada.</i>	2021-2024 <i>CGPA: 9.07</i>
Polytechnic in Computer Science <i>Krishnaveni Polytechnic for Women, Vijayawada.</i>	2018-2021 <i>CGPA: 9.8</i>
SSC <i>Ravindra Bharathi E.M School, Vuyyuru.</i>	2017-2018 <i>CGPA: 10</i>

Projects

Enhancing Landslide Type Detection using Mask R-CNN and ResNet-101 Architecture <ul style="list-style-type: none">Used deep learning techniques to detect landslide type from landslide dataset images collected from kaggle and reduced manual classification time by 80% .Processed user inputted information(i.e, image) in the app's back-end to return type of landslide and alerted using an alarm system, and an alert SMS message is sent to nearby authorities.Utilized the flask framework to create a GUI for the application to allow users to upload a landslide image and detect its type.	2024
CareerHub - Online Job Portal Python, Django, SQLite, HTML, CSS JavaScript, Bootstrap <ul style="list-style-type: none">Created a Web application using the Django framework which acts as an interface between Job seekers and Recruiters.This helps job seekers to apply for jobs, and Recruiters can post the jobs and can see the applied jobs.Admin is responsible for managing the users and the recruiters in the portal.	2024
Bank Management System GUI Java, NetBeans, Java Swing, MySQL <ul style="list-style-type: none">Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.Used Java Swing to create a GUI that supports actions such as creating an account, deposit, withdraw, check balance, etc.Implemented object-oriented programming practices such as inheritance to create different account types and databases.	2023

Technical Skills

Programming Languages:	C, Python, Core Java, HTML/CSS, JavaScript
Database/Storage System:	SQL
Developer Tools:	VS Code, Eclipse, Android Studio, PyCharm, IntelliJ
Technologies/Frameworks:	GitHub, JUnit, Django
Soft Skills:	Self-learning, Adaptability
Languages:	Telugu, Hindi, English

Certifications

- Certified with Cisco - Programming Essentials in C, Programming Essentials in Python.
- Pega Certified System Architect
- Pega Certified Senior System Architect

Achievements

- Successfully authored and published a paper titled "Morning Start - Milk Delivery App" in IEEE. [Link](#)
- Awarded 1st prize in KODOTEK(code debugging) held at Andhra Loyola College.
- Achieved 1st prize in an POSTER presentation event conducted in Gudlavalleru Engineering College.
- Secured 2nd prize in PPT presentation at Andhra Loyola College.
- Secured 2nd prize in Elocution competition at District Level.