Anoop Kumar Parit

ACADEMIC DETAILS			
B.Tech Computer Science & Engineering	CMR Institute of Technology, Hyderabad	**71.3 %**	2024
Telangana Board of Intermediate Education (TSBIE) (CLASS XII)	Narayana Junior College	**911 MARKS**	2020
Telangana Board of Secondary Education (SSC) (CLASS X)	S.T. Alphonsus High School	**9 CGPA**	2018

SUBJECTS	
Technical Proficiency	SQL, Software Development Life Cycle (SDLC), Internet of Things, Java Database Connectivity (JDBC), Full Stack Development, JavaScript, Hibernate, Machine Learning, Servlets, Java, HTML + CSS

WORK EXPERIENCE		
EDUGENE Technologies pvt ltd Java developer	• This involves tasks such as creating applications or features under supervision, participating in code reviews, and learning best coding practices. • It helped to gain practical experience with Java frameworks and tools. • Assist in writing clean, efficient, and maintainable Java code. • Collaborate with senior developers to debug and solve software issues. • Participate in code reviews to learn best practices.	Sep 2022 - Nov 2022

PROJECTS		
A Student Management System	• This is a simple Student Management System project implemented using Servlets and JSP. It allows users to perform CRUD (Create, Read, Update, Delete) operations on student data such as ID, first name, last name, major, phone number, GPA, and date of birth. • I also added an email and password validation requirement to simplify login credentials and also added an Admin profile to easily help to access any record of student.	Sep 2024 - Jan 2025
A Two-Fold Machine Learning Approach to Prevent and Detect IoT Botnet Attacks	• The rapid proliferation of Internet of Things (IoT) devices has ushered in a new era of connectivity, offering unprecedented convenience and efficiency. However, Botnets comprised of compromised devices controlled by a single entity, pose a significant threat to the integrity and security of IoT ecosystems. • The proposed solution specifically considered network traffic flows, which are further converted into feature records and then passed to the deep neural network (DNN) model for IoT botnet attack detection. • The system proposed a two-fold machine learning approach to prevent and detect both inbound and outbound botnet attacks in the IoT network environment. The proposed two-fold approach prevents IoT botnet attacks by detecting the scanning activity, while it detects the IoT botnet attack by identifying the DDoS attack. •	Nov 2023 - Jan 2024
Generation of Novelty Ground Truth Image using Image Classification and Semantic Segmentation for Copy Move Forgery Detection	• Copy-move forgery detection is a daunting challenge for several reasons. Unlike some other image manipulations, such as those involving changes in brightness or contrast, copy-move forgeries are designed to deceive the human eye. • In the digital forensics community, researchers have turned to machine learning and computer vision techniques to address this challenge. • The approach proposed in this research offers a novel solution to the longstanding challenge of generating high-quality ground truth images for copy-move forgery detection. It combines two fundamental techniques: image classification and semantic segmentation.	Jul 2023 - Sep 2023

LANGUAGES
Telugu, English, Hindi

BASIC INFORMATION		
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