MATHAKALA MAHESH BABU

B.Tech. - Cyber Security - PIET

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Parul University

BRIEF SUMMARY

A software engineering fresher is an entry-level professional with a passion for developing innovative software solutions. They possess a solid foundation in programming languages and concepts, along with problem-solving skills. With a desire to learn and contribute to software development projects, they bring fresh perspectives and enthusiasm to the field.

KEY EXPERTISE

Cyber-security   Cryptography   Python   HTML   CSS

EDUCATION

Parul University   2020 - 2024
B.Tech. - Cyber Security - PIET | CGPA: **7.33 / 10.00**

SRI GAYATRI EDUCATIONAL INSTITUTE, Vatsavai   2020
12th | BIEAP | CGPA: **9.38 / 10.00**

SRI ANNANPURNA HIGH SCHOOL, Vatsavai   2018
10th | BSEAP | CGPA: **9.70 / 10.00**

PROJECTS

Fake currency detection   05 Jun, 2023 - 04 Nov, 2023
Mentor: Aditi Mishra | **Team Size:** 3

Key Skills: Python   Machine Learning

The fake currency detection project is designed to identify counterfeit money using advanced technology and algorithms. It utilizes image processing techniques to analyze key features of banknotes such as watermarks, security threads, and microprinting. The system employs machine learning algorithms to classify genuine and counterfeit notes based on patterns and discrepancies in the captured images. It provides a real-time assessment of the authenticity of banknotes, helping businesses and financial institutions combat counterfeit currency and ensure the integrity of transactions. The project aims to enhance security and protect the economy from the detrimental effects of fake money

Design and Implementation of Automated Teller Machine (FSM)Controller   10 May, 2023 - 20 Jun, 2023
Mentor: Zeenal Patel | **Team Size:** 2
Project Link: https://github.com/vamsipinnaka/Design-and-Implementation-of-Automated-Teller-Machine-FSM-Controller

ASSESSMENTS / CERTIFICATIONS

Microsoft Certified: Azure Data Fundamentals   12 Jun, 2024
Aggregate: 720.00 / 1000.00

Key Skills: DBMS   SQL

The Microsoft Certified: Azure Data Fundamentals certification validates an individual's understanding of the core concepts of data and how it is implemented and managed in the Azure cloud platform. It covers topics such as data storage options, data processing techniques, and data security and compliance. The certification demonstrates proficiency in Azure data services like Azure SQL Database, Azure Cosmos DB, and Azure Data Lake Storage. It is ideal for individuals looking to start a career in data-related roles or those seeking to expand their knowledge of data management in the Azure environment.

Azure Ai Fundamentals   10 Jun, 2024
Aggregate: 800.00 / 1000.00

SEMINARS / TRAININGS / WORKSHOPS

Intel Unnati Industrial Training-Summer2023 **Institute Name:** Parul Institute of Engineering and Technology   29 May, 2023 - 15 Jul, 2023
Key Skills:

Microcontroller/Microprocessor   Firmware/Software   Hardware Sensors and Interfaces   Network Communication   Security

User Interface   Card Processing

The Summer Training Program on Automated Teller Machine (ATM) Finite State Machine (FSM) Controller aimed to provide participants with a comprehensive understanding of the core technologies and principles involved in the design and implementation of ATM systems. Over the course of this program, participants engaged in hands-on learning experiences, theoretical knowledge acquisition, and practical application of FSM concepts in the context of ATMs.

Full Stack Web Development using Laravel with AWS   09 Jan, 2023 - 13 Jan, 2023
Institute Name: Parul Institute of Engineering and Technology

Key Skills: Laravel Framework   Front-end Technologies   AWS Services   Version Control

CO-CURRICULAR ACTIVITIES

- participating in workshops

PERSONAL INTERESTS / HOBBIES

- Reading books , creatings memes,browsing internet

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: 4-175A, Allurupadu Village Vatsavai Mandal, Krishna, Andhra Pradesh, India - 521402
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