JITHINKRISHNAN P G

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ABOUT ME

Strong in Design and integration with intuitive problem-solving skills. Passionate about implementing and launching new projects

EDUCATION AND TRAINING

01/11/2020 – 31/05/2023 India

BSC COMPUTER SCIENCE NAIPUNNYA SCHOOL OF MANAGEMENT

Website https://www.naipunnyacollege.ac.in | **Field of study** COMPUTER SCIENCE | **Final grade** A - (8.018)

01/06/2018 – 31/03/2020 CHERTHALA, India

HIGHER SECONDARY NSS HSS PANAVALLY

Final grade 79%

01/06/2017 – 01/03/2018 CHERTHALA, India

SSLC STHSS MANAPPURAM

Final grade 83%

PROJECTS

02/10/2023 – 15/10/2023

CleanUp

My project, named 'Cleanup,' is a Garbage Collection System with three core modules: Admin, Collectors, and Citizen. Citizens can submit waste collection requests, collectors can efficiently view and fulfill these requests, while the admin module oversees and manages the entire system. This system is designed to optimize waste management processes and encourage community participation in maintaining a cleaner environment.

05/08/2023 – 13/09/2023

AutoCanteen

I have successfully developed a College Canteen Automation System as part of my projects, showcasing my proficiency in Python and Django. This comprehensive system is comprised of three core modules: Admin, Canteen, and Student. The Admin module empowers administrators to efficiently manage canteens and oversee various activities within the system. Meanwhile, the Canteen module allows canteen staff to create and update the food item menu, ensuring that students have access to a diverse range of culinary options.

A notable feature of this project is the Student module, which enables students to browse the menu and place orders. Upon ordering, students receive a unique QR code, serving as a digital ticket for their food. The system is equipped with an OpenCV module, allowing for the seamless decoding of QR codes using a camera at the canteen. This advanced technology ensures security and accuracy in order fulfillment. If the QR code matches the student's details, the canteen provides the ordered food. This project represents a significant

achievement in software development, enhancing the efficiency and convenience of college canteen operations for both students and canteen staff.

01/06/2023 – 31/07/2023

WebCharity

I have successfully developed a Charity Management System as an additional project, showcasing my expertise in software development. This project features three essential modules: Admin, Charity, and Donor, each with distinct functionalities. The Admin module ensures smooth system administration, while the Charity module empowers organizations to create and manage campaigns effectively. Donors, on the other hand, can easily provide donations through the intuitive interface. This project is a testament to my proficiency in Python and Django, demonstrating my ability to create impactful software solutions for meaningful causes.

07/04/2023 – 13/05/2023

Truf Playground Booking System

My project, known as the 'Truf Playground Booking System,' consists of three primary modules. The Admin module is responsible for project management and oversight. The Truf Company module enables truf providers to add their available trufs, along with timing and pricing details, making it a user-friendly platform for them to manage their offerings. Finally, the Players module allows individuals to easily book truf time slots, ensuring a seamless and efficient booking experience for sports enthusiasts.

01/12/2022 – 27/02/2023

BUSEASE (MAJOR PROJECT)

The traditional bus booking systems often rely on paper tickets or digital e-tickets, which can be prone to forgery, theft, and inconvenience. In this project, we propose a novel approach to enhance the security and efficiency of bus passenger management by utilizing facial recognition technology as a ticket for entering the bus.

01/07/2022 – 27/09/2022

WECARE (MINOR PROJECT)

This project Hospital Management system includes registration of patients, storing their details into the system, and also computerized billing in the pharmacy, and labs. The software has the facility to give a unique id for every patient and stores the clinical details of every patient and hospital tests done automatically. It includes a search facility to know the current status of each patient. User can search details of a patient using the id. The Hospital Management System can be entered using a username and password. It is accessible either by an administrator, receptionist, Doctors. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast. Traditionally, it was done manually. The main function of the system is register and store patient details and doctor details and retrieve these details.

GYMRUSH

Write here the dA Python Django Gym Management Project optimizes gym operations by enabling user registration, class booking, subscription management, and progress tracking. Admins oversee memberships, schedules, instructor assignments, and generate reports. Utilizing Django's framework ensures data security and scalability. With features like authentication, payment integration, and reminders, it enhances the gym experience for members and staff, promoting efficiency and engagement.

SmartInventery

Write here tA Python Django Inventory Management System efficiently tracks inventory, processes orders, and monitors sales. Utilizing Django's framework ensures smooth data management and scalability. Features include inventory tracking, order processing, and sales reporting, streamlining operations and enhancing productivity. With real-time monitoring and automation, it improves inventory control, reduces costs, and optimizes business processes for streamlined operations and increased efficiency.

FACELANCE

Write here A Python Django Attendance Management System with Facial Recognition automates attendance tracking by using facial recognition technology. It captures and verifies faces, records attendance data, and

generates reports. Leveraging Django ensures efficient data handling and scalability. This system enhances accuracy, reduces manual effort, and improves overall attendance management efficiency.

SMART-DOOR

The DoorAlert System integrates a camera, facial recognition, and personalized name alerts for enhanced security and convenience. It employs high-resolution imaging and deep learning models for accurate facial recognition. Unrecognized faces trigger customizable alarms, while recognized individuals receive personalized name alerts, enhancing security. The system's user-friendly interface allows easy database management and real-time notifications for added convenience.

SMARTLIB

The Python Django Library Management System with Facial Recognition enhances security and efficiency. Utilizing Django, it streamlines library operations. Integrated facial recognition ensures secure access control, while Django's framework ensures scalability. This system optimizes library management by automating processes and ensuring accurate identification of users.

Block-Supply

The Python Django Blockchain-Based Supply Chain Management System optimizes supply chain processes using blockchain technology. Integrated with Django, it ensures secure and transparent transactions. This system enhances traceability, reduces fraud, and improves overall efficiency in supply chain operations by leveraging blockchain's decentralized and immutable ledger.

Investigation Management System

The Python Django Cyber Crime Detective Management System aids in cybercrime investigation and management. Leveraging Django, it offers efficient case tracking, evidence management, and collaboration tools. This system enhances law enforcement's ability to detect, investigate, and mitigate cyber threats, ensuring a proactive approach to cybersecurity.

Test-Hub

The Python Django Exam Monitoring System with AI ensures secure and fair examination environments. Integrated with Django, it offers features like facial recognition and behavior analysis to detect cheating attempts. This system enhances exam integrity by monitoring students in real-time, providing alerts to proctors, and maintaining detailed logs for review, ensuring a trustworthy examination process.

IOT BASED ELECTRICITY MONITORING SYSTEM

The Python Django Electricity Management System integrates IoT for real-time electricity consumption monitoring from every consumer. Utilizing Django, it offers efficient data management and user interfaces. This system empowers consumers to track their electricity usage, promotes energy efficiency, and enables utility companies to analyze consumption patterns for better resource management, fostering sustainability.

LANGUAGE SKILLS

Mother tongue(s): **MALAYALAM**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Powerpoint | Social Media | Google Drive | PYTHON | C,C++,C Programming | data structure | Html, Java, CSS | Android Studio with Java | Basic Knowlege of PHP/MySQL | Machine Learing

HOBBIES AND INTERESTS

Coding

Strong in design and integration with intuitive problem-solving skills. Proficient in C, JAVA , C# , PYTHON , JAVASCRIPT and SQL. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions.

Playing games

watching movies

MANAGEMENT AND LEADERSHIP SKILLS

Leadership

ORGANISATIONAL SKILLS

Teamwork