



JIKKUMON JAMES

PYTHON DEVELOPER

EDUCATION

B-TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING - 7.5
TKM College of Engineering (Kerala Technological University) 2016 – 2020

CLASS XII (KERALA STATE BOARD) – 87%
St. John NHSS Kozhuvanal / 2014 - 2015

CLASS X (KERALA STATE BOARD) – 96%
St. Joseph HS Mattakkara / 2012 - 2013

PROJECTS

ABC COLLEGE - LEARNING MANAGEMENT SYSTEM

- Implemented all the necessary LMS functionalities like results, digital library, announcement, student details, resources, etc.
- Additional features include:
 - Password encryption and decryption
 - Encrypt student ID in URL
 - Create Django session for student search so search variables will not be lost.
- Deployment is done using GitHub actions.

Link to GitHub repo: https://github.com/Jikku34/ABCollge_L0

Technologies used: Python, HTML5, CSS, MySQL, ORM, GitHub-actions.

Framework used: Django

STATIC-EXCEL ANALYZER - STUDENT MANAGEMENT SYSTEM

- Using this platform, users can import Excel data into MYSQL database.
- Functions include:
 - Sorting and searching student
 - Student profile
 - Calculate fees from Excel data.
- Currently working on the Dynamic Excel Analyzer

Career Objective

Self-motivated, highly passionate, and hardworking individual looking to pursue a career in the IT field. I look forward to leveraging my programming skills to offer the highest quality of service and contribute to the company's growth.

Contact

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🌐 <https://github.com/Jikku34>

🌐 <https://www.linkedin.com/in/jikkumon-james-91192b273>

Skills

PROFICIENT WITH:

- Python
- Django
- MongoDB
- HTML
- CSS

- JavaScript
- MYSQL
- REST APIs
- OOPS
- MongoDB

FAMILIAR WITH:

- Core Java
- Basic C
- PostgreSQL
- Tkinter
- MS Office
- React.js
- jQuery
- AJAX
- GitHub

Extra-Curricular

- Coordinator Denovo 2020
- Workshops Organizer Hestia2019
- Volunteer Head at TKMFF19

Language

- Malayalam - Native
- English - Professional Working Proficiency.

- Deployment is done using GitHub actions

Link to GitHub repo: https://github.com/Jikku34/Excel_Analyzer_LO

Technologies used: Excel, Python, HTML5, CSS, MySQL, ORM, GitHub-actions.

Framework used: Django

PROFESSIONAL ENHANCEMENTS

CERTIFICATION COURSE IN ADVANCED PYTHON WITH DJANGO FRAMEWORK (SMEC LAB, KALOOR) 06/02/2023-ONGOING

PAPER PRESENTED AT IISC BANGALORE.

Paper presented on gesture recognition using capacitive sensors at the Pravega Innovation Summit 2020.

WORKSHOP 30/01/2020-31/01/2020

Artificial Intelligence & Machine Learning by Pravega20 at IISC Bangalore.

WORKSHOP- 24/02/2019

Python and Machine Learning workshop in association with TESLA19 at College of Engineering Trivandrum.

ACADEMIC PROJECTS

A SIGNER INDEPENDENT CONTINUOUS INDIAN SIGN LANGUAGE GESTURE RECOGNITION WITH INVARIANT BACKGROUNDS

The work has presented a 3D depth camera (Kinect) based gesture recognition system to assist speech and hearing impaired in communication with the rest of the society having no knowledge of sign language.

PROJECT IN INDIAN RAILWAY

Reducing the Effects of Induced Voltage in Axial Counter Equipment.

PROJECT PRESENTED IN DENOVO 2017 AT TKMCE

A laser beam reflected off the vibration source carries the information of the frequency compositions of the vibration. And extract that information using a computer system.

DECLARATION

I hereby declare that all the information furnished above are true and correct to the best of my knowledge.

- JIKKUMON JAMES