

Albin Reji

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SUMMARY

An Computer Science & Engineering student with prior experience in web development and Machine Learning through internships and projects, currently working on blockchain and keeping a close eye on emergent technologies, looking for a software engineering job that would help improve professional and domain skills and dedicate the skills acquired for the overall benefit of the organization.

EDUCATION

Bachelor’s of Engineering - Computer Science & Engineering	2021-Present	CGPA:8.51
Mangalore Institute of Technology & Engineering		
Senior Secondary (12th) - KSEEB	2019-2021	Percentage:86.83%
Secondary School (SSLC) - KSEEB	2018-2019	Percentage:89.12%

SKILLS

Languages : Java, Python, C
Interface : HTML
Database : SQL.
Tools : MYSQL, PyCharm, VSCode, Eclipse, Jupyter Notebook
Frameworks : Django, Flask, Tkinter
Technologies : Web Development, RESTful Services, Machine Learning, Data Analysis.

INTERNSHIP

Saara IT Solutions Pvt Ltd | Data Science Intern October 2023 - November 2023
Project : Heart Attack Disease Prediction
Technologies : Jupyter Notebook, Python, Machine Learning, Pandas, NumPy, Scikit-learn
Developed a machine learning model in Jupyter Notebook to predict heart attack risk using Python, Pandas, NumPy, and Scikit-learn. Gained hands-on experience in data preprocessing, feature selection, and model evaluation, and learned practical implementation of machine learning concepts. Presented project findings and model performance to the team, highlighting key insights.

PROJECTS

Flipkart Price Tracker June 2023
Position : Lead Back-End Developer
Technologies : Python, BeautifulSoup, Requests, smtplib
The project focuses on developing a price tracking system for Flipkart products, allowing users to receive alerts when the price of a desired item drops below a certain threshold. The system scrapes the product page using the Requests and BeautifulSoup libraries to retrieve price details and available offers. Once the product price meets the user-defined threshold, an automated email alert is sent via SMTP, informing the user of the price change. This solution helps users monitor product prices effortlessly.

Cafe Information Management REST API

January 2023-February 2023

Position : Lead Back-End Developer and Database Administrator

Technologies : Python, Flask, MySQL, HTML, CSS, Postman

Developed a Cafe Information Management System using Flask and MySQL. The application supports various functionalities such as retrieving a random cafe, getting all cafe details, and searching by location. Utilized Flask to create RESTful APIs and MySQL for database management. Implemented features for JSON responses, session management, and dynamic content rendering using HTML templates. Employed Postman for API testing and validation

Digital Image Editing Application

June 2024

Position : Lead Back-End Developer

Technologies : Python, Pillow, Django, SQLite

Developed a digital image editing application using Python's Pillow and Django framework. The application provides functionalities for basic image editing tasks such as resizing, cropping, and applying filters. It is built with a Django backend and leverages Pillow for advanced image processing. Gained experience in database handling using Django's inbuilt SQLite database. The user interface is designed to be intuitive and user-friendly, allowing users to easily upload, edit, and save images.

COURSES & WORKSHOPS

- **Python for Data Science, AI & Development** , IBM, 2024.
- **The Complete Machine Learning Course with Python**, Antony NG, Udemy.
- **100 Days of Code: The Complete Python Pro Bootcamp**, Udemy, 2023.
- **RPA Developer Foundation**, UiPath, 2023.
- **Basics of Python** , Infosys, 2023.

HOBBIES

- Programming
- Watching Movies