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Bengaluru , IN

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Bala Krishna S

Software Developer

KEY SKILLS

Programming Languages and Frameworks:

Python, Flask, Django, Php, Mysql, HTML, CSS, JavaScript, java,, C, C++, Laravel, Debugging, Data Visualization

Dev-Ops Technologies:

Git, Slack, Bitbucket, Jira, GitHub

Software and OS:

Microsoft Visual Studio, Postman API, Redis, Xampp, Dbeaver, Windows, IntelliJ, SourceTree, PHPStorm, Jupyter

Publications

1. "IOT in Improving the Standards of Food and Farming " Published in International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) , Vol 9 , Issue 7 , 12th July 2022

2. "Small Changes, Big Impact: Strategies for Tracking, Reducing, and Reusing Plastic Waste in Everyday Life" Published in International Journal of Research and Analytical Reviews (IJRAR) , Vol 10 , Issue 2 , 6th May 2023

Certificates

- Python Bootcamp, UNACADEMY
- Data Analytics , AWS ACADEMY
- Rest API Development, Python From Scratch, Django - Mind Luster

Languages

English, Kannada, Telugu
Full Professuinal Proficiency

EDUCATION

B E in Information Science Engineering

2019-2023

CGPA-8.73

Dayanada Sagar Institutes - DSATM

Bengaluru, India

Relevant Coursework: Data Structures and Applications, Object Oriented Concepts, Computer Organization, Software Engineering, Operating Systems DBMS,, IOT, NOSQL, Unix Programming, Web Technology, Big Data Analytics

PROFESSIONAL EXPERIENCE

Software Developer Intern

Mar '23 - July '23

Easyecom

Bengaluru, IN

- Being In the Integration Team I'm responsible for implementing a new functionality that identifies breaches for multiple users and disseminates the relevant information across all instances where it is utilized.
- Worked in Integration Team by creating Rest APIs and Webhooks for multiple marketplaces such as Meesho, Shopify, Cred, Woocommerce and Myntra.
- Ensured data integrity and reliability by adhering to ACID principles in database operations, enhancing project robustness.
- Conducted thorough testing and debugging to ensure high-quality, user-friendly software.
- Optimized backend performance through efficient code implementation and database query optimization techniques, improving application speed and responsiveness.
- Tools used PHPStorm, Xampp, Postman API, SourceTree, Redis.

Data Analytis Academic Internship

Aug '22 - Oct '22

EDQI

Bengaluru, IN

- Proficient in data manipulation and ETL tools, with hands-on experience in extracting, transforming, and loading data from diverse sources, ensuring data quality and efficiency.
- Advanced skills in Excel, including advanced functions (e.g VLOOKUP, INDEX-MATCH) and PivotTables, enabling effective data analysis, manipulation, and visualization for informed decision-making.
- Strong command of SQL and expertise in PostgreSQL, adept at writing complex queries, performing various types of joins, and utilizing sub-queries to extract meaningful insights from relational databases.

Projects

- CYBER CAFE MANAGEMENT SYSTEM**-Using HTML, CSS, PHP, and MySQL-This project aims to develop a computer system for a cyber cafe to streamline the management of user details, cabin allocation, login history, internet usage, and billing.
- SHOP BILLING SYSTEM**-Using TKinter Module, Python-Store management System is a desktop application that enables store owner to keep track of all of the products present in the store and also to handle the bills.
- Tracking Reducing & Reusing of Plastic Waste**-A Web Development Project Using Python, SQLite3, HTML, CSS , JavaScript, Geopy, Tabulate, Django.
- Python Flask Project from Scratch**- Proficient in developing applications using the Python Flask framework, with a primary focus on Python from the ground up and extensive utilization of Jinja2 templating.
- Django-blog-project** -The project includes an appealing and user-friendly interface with templates for essential pages such as login, logout, registration, password reset, and email reset. Users can easily create, update, and delete posts, enhancing their control over their content.