

# BALA KRISHNA S

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## WORK EXPERIENCE

### Junior Software Developer

Oct '23 - Present

*Toolyt*

*Bengaluru, IN*

- Collaborated effectively with cross-functional teams to conceptualize, design, and implement innovative features that aligned with user needs and business objectives.
- Possessed expertise in both frontend and backend development, leveraging a wide range of technologies to deliver comprehensive solutions that met both functional and aesthetic requirements.
- Spearheaded the development of web applications, utilizing the Laravel framework to build scalable and maintainable solutions.
- Collaborated closely with cross-functional teams to design, develop, and deploy robust and user-friendly applications, prioritizing user experience and accessibility.

### Software Developer Intern

Mar '23 - July '23

*Easyecom*

*Bengaluru, IN*

- Spearheaded the integration team's efforts in implementing cutting-edge functionality for breach detection across multiple user profiles and seamless information dissemination.
- Developed RestAPIs and Webhooks for diverse marketplaces, including Meesho, Shopify, Cred, WooCommerce, and Myntra.
- Ensured robust data integrity and reliability by strictly adhering to ACID principles in database operations.
- Optimized backend performance through the implementation of efficient coding practices and advanced database query optimization techniques, leading to improved application speed and responsiveness.
- Leveraged a range of tools and technologies, including PHPStorm, Xampp, Postman API, SourceTree, and Redis, to achieve project goals and deliver exceptional results.

### 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.
- **ShopSmartly** - A web application developed using Python and Django framework, incorporating Jinja2 templating for rendering HTML templates. It offers a user-friendly interface with custom CSS styling, enabling users to browse and shop for products efficiently.
- **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 and Reusing of Plastic Waste**-A Web Development Project Using Python , SQLite3 , HTML, CSS , JavaScript , Geopy, Tabulate , Django.
- **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.

## PUBLICATIONS

- **"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 .
- **"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.

## EDUCATION

Dayananda Sagar Institute - DSATM

- B E , Information Science Engineering - **CGPA: 8.73 / 10**
- **Relevant Coursework** : Data Structures and Applications , Object Oriented Concepts , Computer Organization, Software Engineering , Operating Systems , DBMS , NOSQL , Unix Programming , Web Technology, Big Data Analytics.

## SKILLS

- **Programming Languages and Frameworks** : Python , Flask , django , PHP , Reactjs, MySql , HTML , Css , javascript, Laravel , Data Visualization
- **Dev-Ops Technologies** : Git , Slack , Bitbucket , Jira , Github
- **Software and OS** : Microsoft Vscode, Postman API , Redis , Xampp , Dbeaver , Sourcetree