

# Bharath K K

Software Engineer

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## SUMMARY:

An experienced Python developer with two years of hands-on experience, specializing in Django for web development and Django rest-framework for API services. Skilled in optimizing code, automating processes, and integrating databases. Proven ability to deliver efficient solutions and collaborate effectively on software projects.

## TECHNICAL SKILLS:

- **Programming Language:** Python, JavaScript
- **Data Engineering Tools:** Apache Airflow, Crontab
- **Project Management Tools:** JIRA
- **Database:** MySQL
- **Version control:** Git, Github
- **Cloud Platform:** Microsoft Azure
- **Framework:** Django, Django Rest-framework
- **Frontend:** Html, Css, Bootstrap

## EXPERIENCE:

Software Engineer

Java R&D Ventures Pvt Ltd | Dec-2021 - Oct-2023

- Developed scalable backend services using **Python**, adhering to **OOP principles** to enhance system functionality and support enterprise applications.
- Developed **API endpoints** and performed **bug fixes** to improve backend service reliability by **25%**, ensuring seamless integration with external systems.
- Managed **MySQL** databases, optimized queries and schema designs for improved performance, and automated backend workflows with **Apache Airflow**, reducing manual efforts and error rates.
- Deployed applications on **Azure** for high availability and minimal downtime, and created custom **Power BI** reports and dashboards that enabled data-driven decision-making for stakeholders.
- Utilized **Git** for version control, maintaining high standard of code integrity across the development team

## PROJECTS:

### Blog Web-App

- Developed a personal Blog application using **Django**, allowing user account creation, post publication and comment interaction.
- Integrated **Restful API endpoints** for managing blog content and user interactions also Implemented **user authentication** for securing user accounts.

### E-Commerce Web-App

- Designed and implemented an E-commerce platform leveraging **Django** and **Django rest framework**, featuring product catalog management, user accounts, cart functionality, and secure payment gateways integration.
- Utilized **MySQL** database for storing product information, order details, and customer profiles, ensuring data consistency and reliability for smooth transaction processing.

### Bike\_Taxi Web-App

- Designed and developed Bike-Taxi app using **Django** featuring user registration, driver registration, ride booking and secure payment gateways
- Utilized **MySQL** database for storing User, Driver and ride information.
- Integrated **Django Channels** to enable seamless real-time notification, enhancing user experience with instant updates on ride status, driver location, and booking confirmations.

## EDUCATION:

Bachelor's of Engineering in **ECE** (2018-2021)

**Sambhram Institute of Technology (VTU University)**

📍 **Bangalore, India**