Basavaraja Angadi

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Professional Overview

Python Backend Developer with over 2 years of hands-on experience in designing, developing, and deploying scalable web applications using Django and Django REST Framework. Proven expertise in building RESTful APIs, implementing microservices architecture, and managing asynchronous WebSocket communication using Django Channels and Daphne. Skilled in deploying applications on AWS EC2, managing static/media content via AWS S3, and using Docker for containerization. Experienced with CI/CD pipelines for smooth code integration and delivery. Adept at working with relational databases like PostgreSQL and MySQL, and familiar with legacy database migration. Proficient in documenting APIs using Swagger and collaborating in agile team environments.

Technical Skill Set

- Programming Languages: Python, JavaScript
- Frameworks: Django, Django REST Framework
- Databases: PostgreSQL, MySQL, SQLite
- Cloud Services: AWS EC2, AWS S3
- Deployment: Docker, CI/CD (GitHub, Jenkins), Nginx, Daphne
- Version Control: Git, GitHub
- Tools & Misc: Postman, HTML, CSS, React, Jira
- IDE: Visual Studio Code

Domain Knowledge

1. Project & Task Management
2. Human Resource Management Systems
3. Business Process Automation
4. Applicant Tracking System (ATS)

Career Highlights

Facility: SmartEnovations Ind Pvt Ltd, Bangalore   July 23 – Till Date

Position/Title: Software Developer

Primary Responsibilities:

· Understanding requirements from the product/functional team and developing scalable REST APIs using Django and Django REST Framework.

· Integrated third-party biometric API to automate employee attendance tracking in the HRMS application.

· Worked on WebSocket communication using Django Channels and Daphne to enable real-time data exchange (notifications, live updates).

· Implemented authentication and authorization mechanisms (role-based access, session/JWT auth) for secure user access.

· Deployed applications to AWS EC2 and managed media/static files using AWS S3.

· Used Docker for containerization and managed deployments using CI/CD pipelines via GitHub Actions and Jenkins.

- Collaborated with the frontend team (React JS) to integrate backend APIs and maintain seamless functionality across modules.

- Documented API specifications using Swagger/OpenAPI, and created functional mapping documents for major modules.

- Worked thoroughly on PostgreSQL, Django ORM, and query optimization for performance and scalability.

- Implemented Redis caching and performance tuning techniques to enhance backend response time.

- Participated in Agile development process, daily standups, sprint planning, and team code reviews via Git and Jira.

Education

Standard	College	Pass-Out Year
Bachelor of Engineering	Govt Eng College Karwar VTU (ECE)	2019
Diploma	DTE Board Karnataka (ECE)	2015

Place: Bangalore   **Basavaraja Angadi**
Date: