ABINESH K
Chennai, India
Phone: 7305930262 | **Email:** abineshk213@gmail.com
LinkedIn: linkedin.com/in/abineshk213/ | **GitHub:** github.com/abineshk02

Professional Summary

Python Full Stack Developer with **10 months of experience** at a fast-paced startup in Chennai, specializing in **Django, React.js, JavaScript, and Material UI**. Proficient in designing and developing **scalable, high-performance web applications** with a strong focus on **backend logic, RESTful APIs, and interactive front-end components**.

Possess a **basic understanding of DevOps** practices, including **Docker containerization, Ansible Playbooks for automation, CI/CD pipelines for continuous deployment, and Kafka for real-time data streaming**. Skilled in **Git, GitHub,Nginx web servers, ASGI (Asynchronous Server Gateway Interface), and PostgreSQL database management**.

Have contributed to **complex, industry-standard projects**, demonstrating **code optimization, structured architecture, and best practices** beyond the typical experience level of 10 months. Developed **admin dashboards, data processing pipelines, and file upload systems** that efficiently integrate with databases and message brokers.

Currently **seeking a role** in a reputed company that provides **career growth, competitive compensation, and challenging technical projects**.

Technical Skills

- **Programming Languages:** Python, JavaScript
- **Web Technologies:** HTML, CSS, React.js, Material UI
- **Backend Frameworks:** Django, Django REST Framework
- **Databases:** PostgreSQL
- **DevOps & Tools:** Docker, Ansible Playbooks, Git, GitHub, CI/CD Pipelines
- **Web Servers:** Nginx, ASGI
- **API Tools:** Postman
- **Data Processing & Messaging:** Kafka
- **Methodologies:** Agile
- **Code Editor:** VS Code
- **Other Skills:** UI development, responsive web design, cloning popular web pages (e.g., Netflix), and personal portfolio creation

Work Experience

Python Full Stack Developer

Code Crave Solutions, Chennai | April 2024 – Present

- Developed and maintained **full-stack applications** using **Django and React.js**, ensuring high performance and scalability.
- Built an **Admin Usage Dashboard** providing **real-time analytics and usage reports**, integrating interactive UI elements with **React and Material UI**.
- Implemented **file upload functionality with Kafka**, enabling seamless data streaming and message processing.
- Worked on **Netflix-like UI cloning projects**, showcasing expertise in **HTML, CSS, and responsive design**.
- Configured and deployed **CI/CD pipelines using GitHub Actions and Docker**, ensuring smooth automated deployments.
- Optimized **API performance and debugging** using **Postman**, reducing response times and improving reliability.
- Managed **PostgreSQL databases**, writing optimized queries and ensuring data integrity.

Internship – Java Developer

Shiash Info Solutions, Chennai | August 2023 – November 2023

- Developed **small-scale applications** in **Java**, applying **OOP principles and database integration**.
- Gained hands-on experience in **Spring Boot and RESTful APIs** before transitioning into **Python development**.
- Successfully shifted focus to **Python and Django**, leveraging networking opportunities and self-learning.

Education

B.Sc. Computer Science

Jain College, Chennai | 2023

Projects & Achievements

1. Admin Usage Dashboard

- Designed and developed an **Admin User Dashboard** providing comprehensive insights into **API usage metrics**.
- Tracked and visualized **API requests**, displaying how frequently each API was accessed over time.
- Integrated **bar and pie charts** for clear and interactive representation of **API usage patterns**.
- Implemented a **report generation feature**, allowing users to **export or download analytical reports**.

2. File Upload System with Kafka

- Developed a **file upload functionality** supporting **CSV, TXT, JSON, and Excel formats**.
- Implemented **real-time progress tracking using Kafka**, ensuring **data integrity and an improved user experience**.

3. Frontend Projects (UI Design)

- **Recreated the Netflix UI** using **HTML, CSS, and JavaScript**, focusing on **responsive design and UI/UX principles**.
- Designed a **professional payslip template** using **HTML and CSS**.

4. Personal Portfolio Website

- Built a **portfolio website** showcasing **projects, technical skills, and work experience**.
- Used **React.js** to create a **sleek, modern UI**.

Soft Skills

- Problem-Solving
- Team Collaboration
- Code Optimization
- Agile & Scrum Methodologies