

ABHIJITH C

Backend Developer

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DESCRIPTION

A **Python-Django** developer with over **3+ years** of experience in **RESTful API** development and **backend microservices**. Proficient in building scalable and high-performance systems using **Flask**, **FastAPI**, and **Django**, with a strong focus on real-time communication through **Django Channels** and efficient messaging using **message brokers**. Experienced in integrating various **payment systems** and deploying solutions on **AWS** for robust cloud infrastructure. Passionate about staying updated with emerging technologies and consistently delivering innovative, reliable solutions to complex challenges.

TECHNICAL STRENGTHS

Development	Python, Django, FastAPI, Flask
Database	PostgreSQL, MySQL, MongoDB
VCS, Testing	Git, GitHub, Postman, Swagger
Mathematics	Metrics, Statistics
Others	AWS, S3, RDS, gRPC, Pub/Sub, SQLAlchemy DSA, RabbitMQ, Redis

WORK EXPERIENCE

Syoft, Hyderabad
Jr. Software Developer

August 2022 - December 2023

Implemented gRPC to optimize publisher-consumer communication and improve team practices. Designed efficient PostgreSQL schemas, used Redis caching, and integrated Silk for better data organization and performance. Built scalable APIs with FastAPI, Flask, and Django, and managed data storage with S3. Streamlined development with Git and GitHub, and monitored system performance using New Relic. Worked on backend systems with Python and Django, improving application performance and collaborating on frontend integration with React.js, while contributing to real-time features with WebSockets and Django Channels.

Cyberia, Thiruvananthapuram
Software Developer

August 2020 - August 2022

As a backend developer, worked for B2C clients, completing 4+ web apps.

PROJECTS

WashBot

GitHub

- Developed a car washing center management system using Flask for the RESTful API and PostgreSQL for the database. Integrated role-based access control for admin, staff, and user roles. Implemented payment gateways including Stripe, Razorpay, and PayPal for secure transactions. Authentication was handled via username and password. The platform also supports efficient booking and payment processing, ensuring a seamless user experience

E-commerce Website

GitHub, Video

- Implemented a full e-commerce project with essential features including user authentication with OTP verification, product management, order management, and online payments using PayPal and Razorpay. Enhanced application performance with detailed reporting formats and Excel exports. Hosted the website on an Nginx server using Amazon EC2, ensuring stability and accessibility for users

Zwast

GitHub, Video

- Developed a Waste Management website using Django Rest Framework (DRF) and React, integrating React Google Maps for enhanced functionality. Implemented JWT Authentication for secure, role-based access control, ensuring a seamless and secure user experience for customers, drivers, and admins

MINI PROJECTS

Draw	GitHub, Video, Live
<ul style="list-style-type: none">This project is a Flask-based web application that allows users to upload data and images, with images stored securely in Cloudinary. It is deployed on Vercel, providing efficient hosting and seamless image management.	
ChatAPP	GitHub, Video, Live
<ul style="list-style-type: none">This is a real-time chat application built with Django and PostgreSQL for data storage. It uses WebSockets for seamless, real-time messaging between users, with JavaScript handling dynamic updates.	
Todo APP	GitHub, Video, Live
<ul style="list-style-type: none">A To-Do Application using React allows users to add, edit, delete, and mark tasks as complete with a dynamic and interactive interface.	

EDUCATION

Brototype, Thiruvananthapuram	<i>March 2024 - Present</i>
Data Science	
Jain University	<i>July 2024 - Present</i>
Master of Computer Applications (MCA - Data Science)	
Kerala University	<i>July 2017 - August 2020</i>
Bachelor of Computer Applications (BCA)	