

JITHINLAL K R

📍 Kerala, India ✉ jithinjz@gmail.com ☎ (+91) 9562449137 🌐 in/jithin-kr 🌱 jithin.site

SUMMARY

Full-stack developer specializing in backend engineering with **Python, Django REST Framework, and FastAPI**. Experienced in designing scalable REST APIs, microservice architectures, and secure authentication and payment integrations. Skilled in deploying containerized applications using **Docker, Kubernetes, and AWS EC2** with automated **CI/CD pipelines**. Build responsive web interfaces using **React and Tailwind CSS** with a focus on performance, maintainability, and production-ready systems.

SKILLS

Languages: Python, JavaScript, SQL

Backend: Django, Django REST Framework (DRF), FastAPI, Celery, Redis, WebSockets

Frontend: React, Zustand, Tailwind CSS, HTML, CSS

Databases: PostgreSQL, MySQL, SQLite

Cloud & DevOps: Docker, Kubernetes (K3s), AWS EC2, Nginx, Git, GitHub, GitHub Actions

Soft Skills: Problem Solving, Communication, Code Reviews, Collaboration, Time Management

EXPERIENCE

Full-Stack Developer Intern (Python + React)

Bridgeon Solutions LLP

April 2025 - Present, KINFRA Techno Industrial Park, Malappuram

- Develop backend services and REST APIs using **Python, Django, Django REST Framework, and FastAPI**.
- Build responsive user interfaces using **React, Zustand, and Tailwind CSS**, integrating frontend components with backend APIs.
- Implement asynchronous background processing using **Celery and Redis** to handle scheduled and resource-intensive tasks.
- Design and optimize relational databases using **PostgreSQL and MySQL** to support efficient data storage and query performance.
- Deploy applications using **Docker and Kubernetes (K3s)** on **AWS EC2 with Nginx**, and maintain **CI/CD pipelines** using **Git, GitHub, and GitHub Actions**.

PROJECT

Clash of Code - Gamified Coding Platform (Microservices)

[clashcode.jithin.site](#) • January 2026 - February 2026

- Develop backend services using **FastAPI and Django 5**, designing REST APIs and modular microservice-based architecture for scalable application components.
- Build responsive frontend features using **React 19**, integrating client interfaces with backend APIs and real-time services.
- Implement **real-time systems using WebSockets**, enabling low-latency chat, notifications, and live collaboration features with support for concurrent users.
- Integrate AI-powered assistance using **LangChain, ChromaDB, and LLM inference pipelines** to support contextual coding guidance and automated feedback.
- Deploy services using **Docker and Kubernetes (K3s)** on **AWS EC2**, configuring **Traefik** for routing and load balancing while maintaining **CI/CD workflows**.

Ecommerce Platform

[souled.jithin.site](#) • December 2025 - December 2025

- Built scalable REST APIs using **Django REST Framework**, implementing authentication, workflows, and admin management backed by **Supabase PostgreSQL**.
- Developed responsive frontend interfaces using **React, Zustand, and Tailwind CSS**, integrating client applications with backend APIs through Axios.
- Implemented secure **Stripe payment processing**, including payment intents, webhook validation, and reliable transaction handling.
- Integrated **Cloudinary** for media storage and delivery, enabling optimized image processing and CDN-based performance improvements.
- Deployed and maintained production systems on **AWS EC2 using Nginx and GitHub Actions CI/CD**, enabling automated builds and reliable releases.

DevScore

[devscores.vercel.app](#) • February 2026 - March 2026

- Built **DevScore**, an AI platform that evaluates GitHub repositories to assess **skills** across code quality, collaboration, consistency, and engineering depth.
- Engineered an automated analysis pipeline using **Django and Groq (Llama 3.3 70B)** to generate developer insights and improvement recommendations.
- Developed a real-time dashboard using **React, Vite, Tailwind CSS, WebSockets, and Recharts** for interactive developer analytics and leaderboards.
- Implemented **GitHub OAuth authentication**, asynchronous processing with **Django Background Tasks**, and scalable storage using **PostgreSQL and Neon**.

CERTIFICATIONS

Python Full Stack Development

CodEdu Software Technologies • 2024

DRF ORM Query Fundamentals

Udemy • 2025

EDUCATION

Bachelor of Arts in English

University of Calicut • Kerala • 2024