

# AJAY V

Bangalore, Karnataka — Open to relocation

☎ +91 8921057656 ✉ va.jay4834@gmail.com **in** LinkedIn **GH** GitHub **</>** LeetCode

## PROFILE SUMMARY

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- Results-driven Software Engineer with 1.5 years of experience in building scalable web and mobile applications using FastAPI, Django, React Native, and cloud-native technologies like AWS and GCP. Proficient in developing RESTful APIs, integrating third-party services, and deploying containerized applications using Docker and Kubernetes. Passionate about backend architecture, DevOps practices, and AI-integrated solutions. Proven track record of improving system performance, automating deployments, and delivering user-centric features. Adept at Agile methodologies, CI/CD pipelines, and cross-functional team collaboration.

## EDUCATION

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### Bachelor of Computer Applications

College of Applied Science — CGPA: 7.6

2020 – 2023

University of Kerala

## SKILLS

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**Languages & Frameworks:** Python (FastAPI, Django, Flask), JavaScript (React, React Native, Redux, Zustand), TypeScript, Java, PHP

**Cloud & DevOps Tools:** AWS (EC2, S3, IAM), GCP (Firestore, Cloud Functions), Docker, Terraform, GitHub Actions, CI/CD (Jenkins, GitHub Actions), Nginx

**Databases:** MySQL, PostgreSQL, MongoDB, Redis, Firebase, Supabase, Strapi CMS

**Tools & APIs:** Kafka, Celery, Razorpay API, GraphQL, Firebase Cloud Messaging, JWT, Git, Cursor

## PROJECTS

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### Wooden Street

- Built a full-stack furniture e-commerce platform using Django, MongoDB, and React.
- Implemented secure RESTful APIs, payment integration via Razorpay, and invoice generation.
- Boosted API data handling by 30% and improved frontend UX by 40% through optimization.

### Imagine AI

- Architected a mobile AI editor (React Native + Strapi) for Text-to-Image and Image-to-Image synthesis.
- Implemented high-utility AI features: background removal and photo clarity enhancement to drive engagement.
- Engineered a robust data pipeline utilizing PostgreSQL, Google OAuth, and Cloudinary CDN for scale.

## WORK EXPERIENCE

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### Freshivores

Software Engineer

Apr 2024 – Present

Bangalore, India

- Designed and implemented scalable backend services using **FastAPI**, **Docker**, and **Kafka**, reducing overall system latency by 30%.
- Integrated **Redis** caching, **Firebase FCM**, and third-party services to enable real-time order tracking and delivery management.
- Developed a cross-platform delivery application using **React Native**, **Redux**, and **Zustand** for internal delivery operations.
- Deployed a customer-facing **React Native** app (App/Play Stores) using **Jenkins/GitHub Actions** CI/CD for **production builds** and OTA updates, driving a **10-20%** boost in online purchases.

### Synnefo Solutions

Python Full Stack Intern

Jun 2023 – Dec 2023

Kochi, India

- Built REST APIs with Django/Flask, designed DB schemas, and integrated core backend logic.
- Improved query performance and optimized REST routes for 25% faster responses.

## CERTIFICATIONS

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AWS Cloud Practitioner Essentials – AWS

Generative AI with Diffusion Models – NVIDIA

Multi-Agent Systems with CrewAI – DeepLearning.AI

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate – Oracle