



Abhishek Aikkodan Veetil

Date of birth: 13/10/2000 | **Nationality:** Indian | **Phone number:** (+91) 9526091463 (Mobile) |

Email address: abhishekaikkodan@gmail.com | **LinkedIn:** [abhishekaikkodan](#) |

Whatsapp Messenger: 9526091463 |

Address: Uthirchamkavu House, Kalichanadukkam Post, 671314, Kasaragod, India (Home)

ABOUT ME

Backend Developer with 4 years of experience designing, building, and deploying scalable web applications. Holds a BCA degree with deep expertise in Python, Django, and AWS cloud infrastructure (EC2, S3, Lambda, RDS). Proven track record in developing robust REST APIs, optimizing database performance, and building innovative applications leveraging multi-model AI integrations. A strong analytical problem solver focused on delivering secure, clean, and highly maintainable code for complex backend architectures.

SKILLS

Technical Skills

- Languages: Python, JavaScript, SQL
- Frameworks & Libraries: Django, Django REST Framework (DRF), Flask
- Cloud & Infrastructure: AWS (EC2, S3, Lambda, RDS, SES), Nginx, Redis, Linux
- Databases: PostgreSQL, MySQL, MongoDB
- Tools & DevOps: Git, GitHub, Docker, Selenium (Automation)
- Architecture & Specialized: RESTful API Design, Multi-Model AI Integration (OpenRouter, Vertex AI), Data Workflows

WORK EXPERIENCE

PYTHON DEVELOPER – CLOUDCITY PRIVATE LIMITED – 12/05/2022 – Current – COCHIN, INDIA

Website: <https://cloudcity.in>

- **Architected and maintained** robust web applications utilizing the **Django** framework, ensuring high-concurrency capability and clean code compliance.
- **Designed and implemented secure RESTful APIs** via **Django REST Framework (DRF)** to enable seamless, low-latency data communication across distributed systems.
- **Optimized complex database queries** and refined PostgreSQL/MySQL database schemas, reducing API response times and improving overall application performance.
- **Spearheaded comprehensive testing suites** (unit testing, debugging) and implemented automated validation workflows using **Selenium** to enforce strict system reliability and application security.

PROJECTS

AI-Powered Job Matching & Career Scraping System

Developed an automated end-to-end web scraping and semantic job-matching platform that extracts career listings from targeted sites and pairs candidates using vector-based similarity rankings.

Technologies Used: Python, Django REST Framework, Vertex AI (Talent API), Selenium, PostgreSQL

Key Achievements:

- Engineered robust automation bots using Selenium to scrape, clean, and structure data from dynamic career portals into a central PostgreSQL database.
- Integrated Google Vertex AI Talent API to transition from keyword-matching to high-accuracy vector similarity search for job recommendations.
- Optimized data workflows to process thousands of data points daily, significantly reducing manual data aggregation.
- Developed RESTful APIs using Django REST Framework to support seamless integration between scraping pipelines, job recommendation services, and frontend applications.

Jobswagon – AI-Powered Resume Maker & ATS Analyzer

Developed an end-to-end web application that parses user resumes, evaluates them against recruitment-standard parsing algorithms using AI, and programmatically generates highly optimized, 100% ATS-compliant PDF resumes.

Technologies Used: Python, Django, REST Framework, PostgreSQL, Vertex AI / OpenAI API, PDF Parsing Libraries (PyMuPDF / PDFPlumber)

Key Achievements:

- Engineered a custom text extraction and semantic analysis pipeline that scans uploaded resumes for keyword gaps, formatting errors, and missing metrics in under 30 seconds.
- Integrated advanced LLMs to provide dynamic, personalized rewrite recommendations for job bullet points and professional summaries.
- Developed a clean, schema-based resume builder backend that feeds data into standardized, recruiter-approved layout engines to ensure perfect ATS parsing.
- Optimized database query structures and document compilation workflows to process multiple file generation requests concurrently without latency bottlenecks.

● EDUCATION AND TRAINING

16/07/2018 – 16/09/2021 Bangalore, India

BACHELOR'S DEGREE IN COMPUTER APPLICATIONS Bengaluru City University

Website <https://www.bcu.ac.in>

● LANGUAGE SKILLS

Mother tongue(s): **MALAYALAM**

Other language(s): **ENGLISH**