

Ajay Dev

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 github.com/RamesanPP

 Trivandrum (Willing to join onsite)

Summary of Qualifications

Python Developer with 3+ years of experience designing and deploying **AI/ML-based applications**. Proven ability to develop scalable backends, implement supervised/unsupervised algorithms, and deploy ML models using **Flask/Django/FastAPI**. Hands-on expertise with **TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy**, and **cloud deployments (Azure/AWS/GCP)**. Strong background in **data preprocessing, feature engineering, model evaluation and API integration**. Adept at collaborating with cross-functional teams to deliver production-ready ML solutions.

Professional Experience

- Avodha EduTech, Infopark, Kochi, KL, IN
Android Application Development Tutor (Part-time) • November 2021 to May 2022

Key Projects

Perfit3D Imaging Tool – IGO

- Built scalable backend services for imaging workflows using FastAPI and ML libraries
- Managed deployment on Hostinger and optimized performance for client use

DocVision – AI Document Assistant

- Ingested documents via API/uploads and parsed content using Tesseract OCR
- Managed metadata tagging, versioning, and full-text search with Django backend

GeniBid – Generative AI Demo App (GITEX Dubai)

- Built LLM-integrated backend using Flask, React frontend, deployed via Azure CI/CD
- Managed multi-environment deployments using GitHub Actions and Docker

WhiteBricks (Python-Django Full Stack)

- Built backend in Django and frontend in Angular

Educational Certifications

- University of Kerala, B.Sc Computer Science, 2019 – 2022
- ISC (CISCE) – 2017 | ICSE (CISCE) – 2015

Other Certifications

- SCRUM Developer Certified (SCRUM Study)
- Microsoft Azure AZ-900 Certification
- Harvard CS50 Introduction to Computer Science Certification
- Multiple HackerRank certificates (10+)
- Wheebox National Employability Eligibility Test Certificate

Skills

- **Languages:** Python, Django, FastAPI, Flask, Node.js, React, JavaScript, HTML, CSS
- **DevOps Tools:** Git, Jenkins, Docker, Kubernetes, GitHub Actions, Azure DevOps
- **Databases:** PostgreSQL, MySQL, MongoDB , JSON
- **Cloud & Deployment:** Microsoft Azure, Firebase, GCP (basic), Hostinger, DNS management, Website migration
- **Architecture & Security:** Microservices, OAuth2, JWT, OWASP practices, RBAC
- **AI/ML Integration:** Google GenAI, Hugging Face, OpenAI API, Prompt Engineering, NumPy, Pandas, Scikit-learn, Faiss, ChromaDB, PyTorch, TensorFlow, spaCy
- **SDLC & Agile:** SCRUM, Kanban, Jira, Confluence, CI/CD, Test Automation
- **Additional Tools:** Postman, Swagger, PyCharm, Visual Studio Code