THAMJID MANNARAYIL

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OBJECTIVE

AI-focused Python Developer with over 3 years of experience in building scalable web applications using Django and Flask. Proven track record in various domains including Human Resources Management System, Travel & Hospitality, University Registration & Learning and Management System, and E-Commerce. Currently working as an AI/ML Engineer, integrating intelligent systems like resume parsing and ATS checks. Passionate about clean architecture, microservices, and data-driven solutions.

EDUCATION

Bachelor of Technology, Royal College of Engineering and Technology	Aug 2016 – Mar 2020
12th, GHSS Maranchery Higher Secondary School	Jul 2014 – Mar 2016
10th, Crescent Maranchery High School	May 2013 – Mar 2014

SKILLS

Technical Skills	Python, MySQL, PostgreSQL, Docker, Git, HTML, CSS, JavaScript, jQuery
Frameworks	Django, Flask, Fast API (Basics)
Soft Skills	Critical Thinking, Problem Solving, Adaptability, Teamwork, Time Management

EXPERIENCE

AI/ML Engineer — May 2025 – Present

Aqary Investment and Development, Abu Dhabi, United Arab Emirates

- Developed and maintained an AI-enhanced HRMS platform with Flask, featuring ATS resume screening and a chatbot for employee support.
- Created a subscription-based event service that enables external apps to receive real-time HRMS updates through webhooks.
- Integrated biometric devices and implemented event-driven processing to automate attendance tracking and validation.
- Built a WebSocket-powered notification system to promptly alert employees about daily swipe discrepancies.

Software Engineer — Mar 2023 – Mar 2025

Flycatch Infotech Pvt. Ltd., Kochi, Kerala

- Led backend development across multiple projects, owning system architecture, API design, and performance tuning to ensure scalable and efficient solutions.
- Delivered four fully customized, client-focused applications from scratch, ensuring on-time deployment and seamless integration into production.
- Collaborated with cross-functional teams and directly with clients to translate requirements into user-centric solutions, while mentoring junior developers and ensuring code quality.

Software Engineer Intern — Sep 2021 – Mar 2022

Quest Innovative Solutions, Kochi, Kerala

- Gained hands-on experience with Python, JavaScript, SQL, Django, Flask, and AngularJS.
- Contributed to live projects, bridging theoretical knowledge with real-world application.
- Completed certifications in multilanguage and framework development.

PROJECTS

HRMS - Aqary

- Designed and developed real-time event subscription and notification services with Webhooks and WebSockets, enhancing system responsiveness and employee experience.
- Developed AI-powered HRMS platform integrating ATS resume screening, chatbot support, and biometric attendance automation using Flask and event-driven architecture.

Technologies: Python, Flask, PyTorch, Transformers, scikit-learn, LangChain, Google Generative AI, PostgreSQL, Rabbitmq, Celery, Redis, Docker

Wearlay – wearlay.in

- Led backend development of a CRM & Inventory system using Django & DRF, automating lead workflows and optimizing warehouse management.
- Customized Django Admin with analytics for data-driven decision making.

Technologies: Python, Django, DRF, PostgreSQL, Celery, Redis, Docker

Explore World – exploreworld.com

- Spearheaded backend of a travel aggregator platform using microservices, integrating payment gateways and third-party APIs like Elasticsearch.
- Ensure a scalable architecture for smooth transactions and user experience.

Technologies: Python, Django, DRF, PostgreSQL, Elasticsearch, Celery, Redis, Docker

LMS & Registration System – **Al-Maarefa** – my.um.edu.sa

- Led backend of a role-based academic platform for students, instructors, and admins, including academic tracking, messaging, and payment management.
- Developed an online admission system, centralizing registration, document upload, and interview processes, improving efficiency for applicants and staff.

Technologies: Python, Django, DRF, PostgreSQL, Celery, Redis, Docker

Redalion

- Led the back-end development of a platform linking QR-coded medallions to digital ancestral profiles with secure authentication and profile management.
- Ensured scalability and clean code for future enhancements.

Technologies: Python, Django, PostgreSQL, Stripe, HTML, CSS, jQuery, Docker

Away2gether Website

- Solely developed backend of a hospitality site using Django, Django CMS, and PostgreSQL, optimizing user experience with interactive elements via AJAX and JavaScript.
- Ensured scalability and data integrity, setting the stage for future enhancements.

Technologies: Python, Django, CMS, PostgreSQL, HTML, CSS, JavaScript, AJAX, Docker

PASSIONS

- AI & Data Science Enthusiast
- Data Analysis & Visualization
- Creative Problem Solving
- Clean Code & Scalable Architecture