



MUHAMMED SAFWAN

FULLSTACK ENGINEER

About Me

4+ yr Full Stack Dev. Python, Django/Flask Web App, Rest APIs Mastery. Design, code, deploy. SDLC Proficient. Build innovative, seamless products. Open-Source Advocate.

Contact Details

Phone

+91-9497575968

Email

dev.safwan@outlook.com

LinkedIn

<https://www.linkedin.com/in/safwan-vk>

Address

Malappuram, Kerala, IN

Skills & Expertise

- Python , C++
- Django, Flask, Fast API
- CI/CD , Version Control , Git
- MySQL , Postgres , Redis , MongoDB
- AWS , GCP , Azure
- ECR , Docker , Jenkins , Celery
- VueJS, HTML, CSS, JavaScript, SASS
- AJAX, jQuery, Qt, Qml
- OpenSearch, Elasticsearch
- RESTful API, DRF, Postman
- Unit Testing, Pytest, TDD
- PyCharm, VSCode , Jupyter
- Agile, Scrum , Leadership
- Problem solving , Critical thinking
- Redmine, Jira
- Project Management

Education

Bachelor of Science (BSc)

Computer Science

University of Calicut, Kerala. IN

2017 - 2020

12th Grade Diploma

Computer Science

Kerala State Board, Kerala, IN

2015-2017

Experience

Feb 2023 - Present

Epixel Solutions - Kochi, Kerala, IN

Senior Software Engineer

- Conceptualized and built 4+ MLM projects to efficiently address client requirements.
- Migrated a WordPress project to Django, streamlining client-server communication by 40%, propelling customer satisfaction.
- Agilely managed iterative MLM feature development, trimming development time by 10% and fostering a collaborative team environment.
- Championed R&D efforts, igniting innovative concepts, cutting-edge advancements, intelligent automation, and data-driven strategies to propel MLM business success.

Jan 2022 - Feb 2023

GI Group Holding - Kochi, Kerala, IN

Software Development Engineer

- Played a key role in 3+ groundbreaking Aircraft Maintenance projects, guaranteeing flawless performance and delivering predictive maintenance insights.
- Developed TARA Electronic Technical Log(ETL), revolutionizing tech log management for airlines, resulting in error reduction to 50%, cost savings, and improved accuracy.
- Contributed to the development of 3D Repair Mapping, enabling comprehensive lifecycle tracking of repairs and streamlined damage identification.
- Co-created a secure and precise records management system for a large aircraft fleet.

Jun 2020 - Oct 2021

Xanthron e-Solutions - Malappuram, Kerala, IN

Backend Developer

- Engineered Xcampus, a scalable campus management system adopted by 30+ institutions, streamlining operations and enhancing student experience by managing attendance, finances, and exams seamlessly.
- Automated answer script evaluation with XEMS, utilizing digital false numbering, achieving a remarkable 60% reduction in evaluation time.
- Deployed paperless exam distribution through Online Question Paper Dispatch, conserving 3 sheets of paper per person and bolstering security with encryption.

Projects

Feb 2023 - Present

Epixel MLM - Epixel Solutions

- Integrated MailChimp, achieving a 25% open rate, and SMS campaigns, increasing response rates by 15%.
- Leveraged QR codes, amplifying referral sign-ups by 40%.
- Orchestrated 20+ offline and online events, enhancing user engagement by 30% and elevating brand presence.
- Spearheaded the implementation of free subscription renewals, boosting customer retention by 20%.

Achievements

- **Best performer**, Q1 2024-2025, Epixel Solutions

Languages

- English - Professional Proficiency
- Malayalam - Native Speaker

Digital Footprint



○ Aug 2020 - Sep 2020

TARA - GI Group Holding

- Pioneered the TARA Aircraft Maintenance Compliance and Data Analytics Platform, leveraging Django Rest Framework, Vue.js, C++, Qt, Qml, enhancing efficiency by 30%.
- Designed and implemented the TARA Electronic Technical Log, reducing errors and costs through process digitization.
- Integrated YubiKey digital signatures for enhanced compliance and security, achieving 99% accuracy in document authentication.
- Orchestrated development of TARA 3D Repair Mapping for comprehensive repair lifecycle tracking. Reduced repair time by 20%.
- Directed development of TARA Management Dashboard with Analytics, cutting downtime by 25%.

○ Apr 2020 - Sep 2020

XEMS & Xcampus - Xanthron e-Solutions

- Led the XEMS digital false numbering of answer scripts, boosting evaluation efficiency by 30% using Python, Flask-RESTful, MySQL, and Git.
- Oversaw Xcampus development, integrating attendance, finance, exams, and paperless question paper dispatch (reduced paper usage by 40%, increased efficiency by 28%).
- Developed paperless system for question paper dispatch (Online Question Paper Dispatch), employing encryption for enhanced security and reducing printing costs by 50%.
- Contributed to educational administration for smooth campus operations and building scalable products for a seamless user experience.