
MAHESH M

FULL STACK DEVELOPER

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PROFESSIONAL SUMMARY

Full Stack Developer with 3 years of experience designing, implementing, and deploying scalable web applications across service-based and product-driven domains. Proficient in building high-performance front-end applications using React, Angular, and TypeScript, and building robust back-end architectures with Python, Django, Flask, and FastAPI. Skilled in leading project modules, mentoring junior engineers, and collaborating with cross-functional teams to achieve business objectives within deadlines. Proficient in working with relational and NoSQL databases (PostgreSQL, MySQL, MongoDB) and integrating CI/CD pipelines using Git, Docker, and AWS. Recognized for analytical problem-solving, maintaining clean code standards, and delivering optimized systems that enhance performance and user experience.

TECHNICAL SKILLS

- Languages: Python, JavaScript (ES6+), TypeScript, SQL.
 - Frameworks: Django, FastAPI, Flask, React.js, Angular.
 - Databases: PostgreSQL, MySQL, MongoDB.
 - Tools & Platforms: Git, Docker, AWS (EC2, S3), Vercel, CI/CD pipelines.
 - Other Skills: REST APIs, Microservices, Unit Testing.
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PROFESSIONAL EXPERIENCE

SENIOR DEVELOPER | DSAT(<https://dsatglobal.com/>) | Chennai | 10/2024 – Present

- Engineered end-to-end solutions (frontend + backend) across 4 projects, ensuring scalable and maintainable architecture.
- Integrated APIs (Alkanz, Daikin) and automated workflows with cron jobs for real-time operations.
- Architected CI/CD pipelines with GitHub Actions, streamlining deployments and improving release efficiency.
- Led a POC for multi-tenancy applications, managing technical design and mentoring team members.
- Explored and integrated ML/LLM models to enhance system intelligence and business applications.

SOFTWARE DEVELOPER | Uniq Technologies(uniqtechnologies.co.in) | Chennai | 02/2023 – 09/2024

- Designed scalable backend applications with Python, Django REST Framework, and MySQL, improving performance and reliability.
 - Integrated REST APIs with React.js for seamless frontend–backend communication.
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- Delivered production-grade platforms (FlexiDMS, Insurance & Warranty Management) to streamline operations and ensure reliable data synchronization.
 - Collaborated with teams to implement inventory, invoicing, and third-party integrations (Twilio).
 - Optimized databases and modular code to reduce bugs, accelerate deployments, and improve maintainability.
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EDUCATION

B.E. (Bachelor of Engineering) | 07/2018 - 08/2022 |

Tagore Institute of Engineering and Technology

- Computer Science and Engineering(CSE)
 - CGPA: 7.33
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CERTIFICATIONS

- Python Development Intern – SLA Institute: Hands-on experience in scripting, automation, and basic web development.
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LANGUAGES

- Tamil (Native) • English (Professional Proficiency)
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PROJECTS

RO – Route Optimization System

- Engineered a route-planning application that minimized travel time and reduced logistics costs.
- Utilized Google OR-Tools to produce optimal delivery paths with dynamic scheduling and live tracking.

Alkanz – Online Gold Purchase Platform

- Built and deployed a secure fintech platform for online gold trading, incorporating payment gateways and user lifecycle management.
- Developed RESTful services for client–server integration and ensured instant transaction updates with real-time synchronization.

DMS – Dock Management System

- Architected and implemented a multi-tenant dock operations platform to streamline inventory movement, shipment handling, and invoicing.
- Integrated with accounting systems (Tally, Busy) and enabled real-time JSON-based data exchange for continuous process flow.

Daikin – AC Service & Management Platform

- Delivered a high-performance Angular front-end for managing product catalogs, service workflows, and customer requests.
- Consumed and optimized backend APIs to enhance operational reliability and user experience

FDMS – Flexi Distribution Management System

- Modernized a supply chain automation platform, improving order execution and stock lifecycle visibility.
 - Implemented a scalable architecture using Python, Django REST, MySQL, and React.js, ensuring faster processing and maintainability.
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