

Shaik Dadapeer

Senior Software Engineer | Full-Stack & Backend Systems | Cloud Automation

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PROFESSIONAL SUMMARY

- Senior Software Engineer with 4.5 years of experience building scalable, cloud-native applications across fintech, SaaS, and FinOps domains.
- Strong background in backend architecture, distributed systems, and API-driven platforms, with ownership of high-volume transaction and automation workflows.
- Experienced in developing multi-tenant SaaS platforms, enterprise-grade APIs, and NLP-driven workflow automation systems.
- Proficient in Python, FastAPI, Docker, Kubernetes, React, and Next.js, with a focus on clean architecture, system reliability, and performance optimization.
- Hands-on experience designing and operating production workloads on AWS (ECS, Lambda, API Gateway, EC2, RDS, DynamoDB, S3, IAM, Secrets Manager, ECR, CloudWatch).
- Domain expertise in fintech and financial operations systems, including fee management, payment automation, recurring mandates, and cloud cost optimization (FinOps) solutions.
- Proven ability to translate business needs into scalable technical solutions, improve platform stability, optimize cloud usage, and reduce operational overhead through automation.

EDUCATION

RGUKT RK Valley, Kadapa **2021**
Bachelor of Technology - 8.7

RGUKT RK Valley, Kadapa **2017**
Intermediate - MPC - 7.7

SKILLS

Frontend Development: HTML, CSS, JavaScript, React.js, Next.js, Bootstrap, Tailwind CSS

Backend Development: Python, FastAPI, Django, REST API Design, SQLAlchemy, Redis

Databases: PostgreSQL, MongoDB

Cloud & DevOps: AWS(DynamoDB, EC2, S3, Secrets Manager, IAM, ECR, API Gateway, CloudWatch, ECS, Lambda, RDS) , Docker, Kubernetes, Argo CD (working knowledge), CI/CD (working knowledge)

Testing: Unittest, Pytest

Version Control: Git, GitHub

Messaging & Eventing: RabbitMQ

Tools & Platforms: Jira, Trello, Retool

PROJECT EXPERIENCE

Velotio Technologies - Pune | Senior Software Engineer

Jul 2025 - Present

Flexera – CONNECT SERVICE

Jul 2025 - Present

- Built an NLP-based workflow automation agent enabling cloud engineers and DevOps teams to automate complex operational workflows using natural language, significantly reducing manual effort.
- Designed and developed enterprise-grade workflow APIs to create, manage, schedule, and execute automated cloud and operational tasks.
- Developed Jira connector APIs to automate issue tracking and resolution, improving incident management for support and operations teams.
- Contributed to frontend service development by implementing request-routing wrappers for seamless interaction with backend workflow and cloud management services.
- Integrated FlexAuth authentication to ensure secure access control and authorization across platform services.
- Enhanced execution engines and scheduling modules to improve reliability and timely execution of routine and critical workflows.
- Built reusable connectors and snippets to accelerate automation use-case development and deployment.
- Improved platform stability and performance through Docker-based deployment automation, refactoring, robust error handling, and cross-module optimizations.

Technologies used: Python, FastAPI, Docker, Kubernetes, SQLAlchemy, AWS(DynamoDB, EC2, S3, Secrets Manager, IAM, ECR, API Gateway, CloudWatch, ECS, Lambda), Git, REST APIs, PostgreSQL, ArgoCD, RabbitMQ.

Leo1 - Mumbai | Full Stack Developer

Sep 2021 - Jul 2025

Multi-Tenant Fee Management Platform

Jun 2023 - Jul 2025

- Contributed to Leo1Fees, a scalable multi-tenant fee management SaaS platform supporting 100+ educational institutes with automated fee processing, payment tracking, and institution-specific financial workflows.
- Contributed to the development of Leo1Fees, a multi-tenant SaaS fee management platform used by 100+ educational institutes, enabling tenant-specific configurations and secure data isolation.
- Designed and developed scalable backend services using FastAPI and PostgreSQL, supporting student lifecycle management, fee structures, and institute-specific financial workflows.
- Built responsive frontend modules using Next.js and React.js for student management, fee configuration, and operational dashboards used by institutional admins.
- Implemented complex financial operations, including bulk actions, refunds, waivers, penalties, and an early payment incentive engine (Leo1Coins) to encourage timely fee payments.
- Developed automated fee reminder and notification workflows by integrating Gupshup and MSG91 APIs, improving communication efficiency with students and parents.
- Deployed and maintained application services on AWS (EC2) with RDS (PostgreSQL) for transactional data, S3 for storage needs, and CloudWatch for monitoring and log tracking in production environments.

Technologies used: Python, JavaScript, React.js, Next.js, FastAPI, PostgreSQL, MongoDB, AWS(EC2, RDS, S3, CloudWatch).

Digital Lending & Repayment Platform

Sep 2021 - Jun 2023

- Contributed to the development of a digital lending and repayment platform designed to automate borrower onboarding, mandate registration, and EMI collection workflows.
- Integrated OneFin APIs to generate borrower repayment schedules, improving payment tracking and increasing tech-ops efficiency by 30%.
- Engineered backend services using Django and FastAPI with PostgreSQL to support NACH mandate setup and advanced EMI processing, integrating Razorpay, SignDesk, and PayU, which reduced manual operational effort by 50%.
- Implemented Razorpay UPI Autopay mandates to enable automated recurring collections and improve payment success rates.
- Integrated Digio video KYC for digital customer verification, accelerating onboarding while supporting compliance requirements.
- Developed a centralized communication workflow using Gupshup (WhatsApp) and MSG91 (SMS) for payment reminders, mandate status updates, and transaction alerts, contributing to a 20% improvement in business conversions.
- Supported production deployment on AWS (EC2) with RDS (PostgreSQL) for transactional data storage, S3 for document handling, and CloudWatch for logging and monitoring.

Technologies used: Python, JavaScript, React.js, Next.js, Django, FastAPI, PostgreSQL, AWS(EC2, RDS, S3, CloudWatch).

IB Hubs - Kurnool | Software Development Intern

Jul 2019 - Jul 2021

- Developed responsive web applications and implemented authentication and authorization using React, REST APIs, and Node.js.

ACHIEVEMENTS AND REWARDS

Qualified KET Level A2 examination with overall average points 129/150 of Reading and Writing, Listening and Speaking.

Sep 2017