

MOHAMMED SHAHID

Senior Backend Engineer

Python | Golang | Django | PostgreSQL | Docker | Microservices | Distributed Systems

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFILE SUMMARY

Senior Backend Engineer with 5+ years of experience designing and building scalable backend systems and distributed applications using Python, Golang, PostgreSQL, Docker, Redis, and RabbitMQ. Experienced in architecting and maintaining large multi-module platforms across MLM, e-commerce, CRM, LMS, and payment domains serving more than 10,000 users.

Strong expertise in microservices, asynchronous processing, REST APIs, gRPC, WebSockets, database optimization, and production infrastructure. Delivered 17+ production applications, reduced critical query execution time from 2 minutes to 5 milliseconds, migrated 10,000+ users, and mentored junior engineers while collaborating with clients and cross-functional teams to deliver scalable software solutions.

CORE COMPETENCIES

Backend: Python, Golang, Django, Django REST Framework, Gin, FastAPI

Databases: PostgreSQL, Redis, Elasticsearch

Messaging & Async Processing: RabbitMQ, Celery, Go Workers, Cron Jobs

Architecture: Microservices, Distributed Systems, REST APIs, gRPC, WebSockets, Event-Driven Architecture, Clean Architecture

Infrastructure & DevOps: Docker, Docker Compose, Nginx, AWS EC2, PgBouncer, CI/CD, GitHub Actions, Jenkins, Sentry

Integrations: Stripe, PayPal, Razorpay, NMI, Coinbase, WhatsApp, Zapier, Mighty Networks, OAuth, SSO, OpenAI, Gemini, Claude, Zoho Desk, AWS SNS

Frontend: React, Next.js, TypeScript, JavaScript, HTML, CSS, Ajax, jQuery

AI & Agentic Development: OpenAI API, Gemini API, Claude API, LLM Integrations, Prompt Engineering, Agentic Development Workflows

PROFESSIONAL EXPERIENCE

Senior Software Engineer Dec 2020 – Present

Epixel Solutions Pvt Ltd

- Designed and maintained scalable backend systems and distributed services using Python, Golang, Django, PostgreSQL, and Docker.
- Delivered and maintained 17+ production applications across MLM, e-commerce, CRM, LMS, ticketing, and customer support domains.
- Customized and enhanced an 18-module platform comprising user management, binary/unilevel/matrix networks, wallet systems, commission engines, subscription management, payment processing, reporting, ranking engines, notifications, and transaction workflows.
- Developed and maintained 50+ REST APIs and built 8 microservices using Python and Golang to support asynchronous and event-driven workflows.
- Built background workers, cron jobs, WebSocket services, and gRPC-based services for high-performance processing.
- Reduced critical database query execution time from nearly 2 minutes to 5 milliseconds through query optimization and indexing strategies.
- Successfully migrated 10,000+ users and transactional data across production environments.

- Integrated external services including Stripe, PayPal, NMI, Razorpay, Coinbase, CoinPayments, WhatsApp, Zapier, Mighty Networks, OpenAI, Gemini, Claude, Zoho Desk, and AWS SNS.
- Independently owned and delivered ticketing, notification, and customer support modules.
- Participated in requirement analysis, system design, database schema design, and architecture discussions.
- Managed production infrastructure using AWS EC2, Docker, Nginx, PgBouncer, Redis, RabbitMQ, Elasticsearch, Sentry, and CI/CD pipelines.
- Handled production incidents, hot fixes, monitoring, and reliability improvements while ensuring system stability.
- Performed code reviews and mentored 3 junior engineers within a team of 15 developers.
- Collaborated directly with clients and cross-functional teams to deliver scalable software solutions and production releases.

KEY ACHIEVEMENTS

- Delivered and contributed to 17+ production applications across multiple business domains.
- Reduced database query execution time from approximately 2 minutes to 5 milliseconds.
- Successfully migrated more than 10,000 users and associated transactional data.
- Built and maintained 50+ APIs and 8 microservices.
- Independently owned ticketing, notification, and support modules.
- Mentored 3 junior developers and actively participated in architecture reviews and code quality improvements.
- Managed production infrastructure and incident handling using AWS, Docker, Redis, RabbitMQ, Elasticsearch, and Sentry.