

# Azad Mohamed

## Backend Engineer (Python | Microservices | Scalable Systems)

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Backend-focused Software Engineer with 6+ years of experience designing and building scalable, high-performance systems using Python, Django, and FastAPI. Strong expertise in REST APIs, microservices, distributed systems, and database optimization. Proven ability to build reliable backend architectures supporting millions of users.

### WORK EXPERIENCE

**Sr. Full stack developer,** LMNTO PERFORMANCE INFORMATION TECHNOLOGY LLC  2023 – Present | Dubai

- Spearheaded the development of **secure blockchain wallet systems** supporting both on-chain and off-chain transactions
- Designed and implemented **scalable architecture** for 3 interconnected platforms serving **5M+ users**, using **event-driven systems and gRPC-based communication**
- Developed a **centralized authentication system** using OpenID Connect, reducing security vulnerabilities by **40%**
- Built an **All-in-One Proxy Admin Panel** to streamline platform management and improve operational efficiency
- Implemented **Docker-based deployments** for isolated services, improving resource utilization by **30%**
- Applied **SOLID principles and clean architecture** to ensure maintainability and scalability

**Software Engineer,** Stead Technologies LLP  2019 – 2023 | India

- Developed and maintained an **enterprise CMS** using Django and React.js, improving page load performance by **45%**
- Led the development of core modules including **WYSIWYG editor, SEO tools, multilingual support, and user management systems**
- Mentored junior developers and conducted **50+ technical interviews**, contributing to team growth
- Collaborated with cross-functional teams (Design, DevOps, QA, Product) to deliver **large-scale, high-quality applications**

### SKILLS

**Languages** — Python, JavaScript, TypeScript, Go, HTML, CSS, SCSS

**Databases** — PostgreSQL, MySQL, MongoDB, Redis, MinIO

**DevOps & Cloud** — Docker, AWS, Git

**AI & Modern Technologies** — AI Platform Development, Prompt Engineering Workflows, LLM Integration Concepts, AI-Driven Applications, Data Processing Systems

### PROJECTS

**Tack** , <https://tack.one/>

- Led the development of Tack, an efficient time-tracking app using ReactJs and Django.
- Developed a robust server API and integrated Stripe and Zapier for enhanced functionality.
- Utilized Redis, Celery, and WebSocket for task tracking, data import/export, and notifications.
- Created a high-quality product that effectively managed teams and projects, optimizing company operations.

**Kipe** , <http://kipe.co>

- Kipe is a sophisticated and user-friendly invoicing application designed to enable the seamless creation of invoices, bills, reports, and other essential documents for businesses. The application is developed with a focus on providing an effortless experience that helps businesses keep track of their financial health with ease.
- As the sole developer of Kipe, I developed the entire server-side infrastructure using Django. This involved designing, building, and implementing a robust and scalable server that could handle complex invoicing and billing requirements.

- To enhance the functionality of Kipe, I integrated it with the Wave app. This integration allowed users to import their invoices, bills, and accounts into Kipe with ease, providing a seamless and comprehensive invoicing and billing experience.
- Overall, Kipe is a result of my dedication and expertise in developing a state-of-the-art invoicing application that streamlines business operations and facilitates financial management.

#### **Spovio** [🔗](https://app.spovio.com), <https://app.spovio.com>

- Spovio is all-in-one HR software made for small and medium businesses and the people who work in them.
- Used Redis and Celery for keeping track of accrued time for each employee.
- Connected with AWS S3 bucket for storing Organization and user images.
- Implemented a Time off Policy providing different levels of accrual according to the job role of the employee.

#### **InQuestAI** [🔗](https://inquestai.com), <https://inquestai.com>

- Leading prompt engineering tool
- Manage AI interactions on inQuest AI's dashboard. Explore, organize, and revisit practical AI conversations.
- Join the community of AI enthusiasts.
- Processed millions of prompts, categorizing them into a diverse range of topics to create an organized and intuitive user experience.
- Developed systems for seamless chat continuation, ensuring users could pick up conversations and maintain context effortlessly.
- InquestAI becoming one of the top AI innovation tools in the US.
- Implemented real-time collaboration tools that allowed users to interact and share insights, enhancing community engagement and contribution.

**Learn more about me and my projects at [azadmhd.com](https://azadmhd.com)** [🔗](https://azadmhd.com)

## EDUCATION

**B.Tech Computer science and Engineering,**  
MES college of engineering

2015 – 2019 | Kuttipuram, Kerala, India