

MUHAMMAD SHOAIB AMIN

SOFTWARE ENGINEER

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Versatile Software Engineer with expertise in MVP and MMP development, AI, fintech, DevOps, microservices, backend, user interface design, and Agile methodologies. Adept at delivering scalable, secure solutions and driving innovation across all phases of the development lifecycle. Known for balancing technical proficiency with a user-focused approach to create impactful, high-performance products.

AREA OF EXPERTISE

Backend Systems
Agile Methodologies

MVP & MMP Development
AI integration

Fintech Solutions
User Experience

KEY ACHIEVEMENTS

- Server Optimization.** Implemented advanced optimization techniques to 5x server speed for the user authorization process in backend systems.
- Database Remodelling.** Restructured chat modules, improving conversation and message fetching speed by 10x.
- Logging Framework.** Restructured Developed a framework for logging systems and utilities as private package modules, ensuring 100% accuracy.
- Cryptocurrency Development.** Built a cryptocurrency on Solana, enabling seamless coin access across multiple platform accounts, supporting thousands of transactions per second and boosting user engagement by 50%.

PROFESSIONAL EXPERIENCE

Lead Technical Role – Wefi (Fintech):

Aug 2024 - Present

- Technically Managing the development of an MVP with Python Django, machine learning, and React Native, achieving 2x faster development cycles through optimized workflows.
- Optimized backend and DevOps pipelines, resulting in a 2x reduction in deployment times and a more scalable infrastructure.
- Leading a cross-functional team to complete the MVP within 3 months while maintaining high standards of performance and scalability.

Full Stack Engineer – ReComune

May 2023 - Jul 2024

- Developed MVP mobile app in React Native within 2 months, meeting tight deadlines and supporting rapid company growth.
- Optimized backend performance, reducing response times by 30% and implemented AI services for enhanced product features.
- Led DevOps initiatives, managing EC2 instances and automating deployments, ensuring 99.9% uptime and faster release cycles.

Staff Engineer – Television Reality Show:

Feb 2023 - May 2023

- Led the development and deployment of a fully functional web application in just 3 weeks, overseeing a team of web (React) and mobile (Flutter) developers.
- Provided DevOps and architectural services to ensure seamless integration of features like program registration, SMTP connection, notification modules, and payment gateways.
- Engaged in client and product discussions to propose and implement innovative solutions, improving efficiency and driving faster project milestones by 30%.

Senior Software Engineer – ServionZero:

Mar 2022 - May 2023

- Managed a team of developers and delivered 3 product architectures from scratch, with 1 product launched and 2 nearing launch in the UK, all within 1 year.
- Introduced a centralized cryptocurrency system to streamline transactions across multiple products.
- Led backend, database, DevOps, and AI services while contributing to key technical discussions and decision-making with stakeholders.
- Currently managing resources for a new MVP, focusing on continued innovation and growth.

Senior Software Engineer – SpireTech (Fintech):

April 2020 - Mar 2022

- Implemented key modules like audit logs, policy management, saving goals, and group goals, driving commercial product success.
- Worked on microservices architecture using Docker, Kubernetes, and Helm charts, optimizing deployment strategies and reducing deployment times by 40%.
- Played a critical role in backend, integration, and DevOps, while aligning with managers, product teams, and presenting technical features to stakeholders, ensuring seamless execution and innovation.

SKILLS

- Technical Skills:** React, ReactNative, Redux, NextJS • NodeJS, ExpressJS, Django • Elastic Search, SQL Server, MongoDB, MySQL, PostgreSQL, GraphQL, Prisma • AWS EC2, AWS S3, Heroku, Firebase • Redis, RabbitMQ, gRPC Docker, Kubernetes, Nginx, Lens • Bash, Terminal, CMD, Google Maps, Stripe • Selenium, Scrapy, BeautifulSoup
- Soft Skills:** Teamwork, Leadership, Time Management, Adaptability, Attention to Detail, Conflict Resolution

EDUCATION

Masters in Data Science
NED University of Engineering & Technology

Sep 2021 - Oct 2023

Mass IT Training Bootcamp
Saylani Welfare

Feb 2017 - Oct 2019