

Shaharyar Khawar

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WORK EXPERIENCE

Lead Software Engineer Jan 2024 – Present

Roomy

- **Restaurant Management System**

- Improved order taking efficiency by 20%.
- Built order tracking systems.
- Optimized MySQL architecture improving query speed by 40%.
- Developed real time analytics dashboard for orders and sales.
- Integrated FBR tax reporting.
- Integrated Foodpanda with the POS system, enabling automatic order syncing and eliminating manual order entry.
- Implemented an online order system that streamlined order placement and real time processing, improving operational efficiency and order accuracy.
- Integrated a secure payment gateway for online orders, enabling cashless transactions and improving checkout efficiency.
- Designed and implemented a restaurant accounting module producing real time financial reports such as Trial Balance and Profit and Loss, improving financial visibility and accuracy.

Tools: ReactJS, PHP, MySQL, NodeJS, AWS, EC2, RDS, CloudWatch, S3

- **Inventory Management System**

- Improved operational efficiency by 30% through real time inventory tracking.
- Reduced stock discrepancies by 20% via automated reporting.
- Designed waste tracking module reducing inventory waste by 25%.
- Built recipe management module for inventory standardization.
- Engineered real time ingredient deduction on sales, reducing discrepancies by 85%.
- Conducted code reviews and mentored junior engineers.

Tools: ReactJS, PHP, MySQL

Software Engineer II Jan 2023 – Dec 2023

Roomy

- **Loyalty Program**

- Developed QR based enrollment and scanning system.
- Implemented stamp based rewards and redemption flow.
- Built customer facing UI for rewards and offers.
- Integrated messaging for automated loyalty notifications.

Tools: ReactJS, PHP, MySQL

Software Engineer Dec 2021 – Dec 2022

Roomy

- **Property Management System**

- Reduced guest check-in time by 50%.
- Built room availability tracking reducing errors by 30%.
- Integrated secure online payments.
- Developed REST APIs for third party booking platforms.
- Reduced manual staff workload by 25%.

Tools: ReactJS, PHP, MySQL

Cloud DevOps Trainee Aug 2021 – Nov 2021

SkipQ

- Monitored latency and improved page load time by 10%.
- Optimized word data processing reducing compute time by 35%.

Tools: AWS, Docker, DynamoDB, Lambda, CloudWatch

EDUCATION

2017 – 2021 Bachelors in Computer Engineering, **NUST**

SKILLS

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|-----------------|--|
| Frontend | React, Angular, JavaScript, TypeScript, Redux |
| Backend | PHP, Node.js, MySQL, MongoDB, Python, Django, Flask |
| DevOps | AWS, Docker, DynamoDB, CloudWatch, Lambda, EC2, S3, RDS, SNS |
| Version Control | Git, GitHub |
| Soft Skills | Leadership, Collaboration, Troubleshooting |

SUMMARY

Experienced Lead Software Engineer with 4+ years of experience designing and delivering scalable systems. Proven success in Inventory, Loyalty, POS, and Messaging platforms. Strong leader with expertise in modern web technologies and cloud-native solutions.