

# Shaharyar Khawar

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## WORK EXPERIENCE

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**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

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## EDUCATION

2017 – 2021 Bachelors in Computer Engineering, NUST

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## SKILLS

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

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## 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.