

Shaharyar Khawar

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WORK EXPERIENCE

Lead Software Engineer

Jan 2024 - present

Roomy

– Inventory Management System

- Enhanced operational efficiency by 30% through the development and implementation of real-time inventory tracking and automated reporting systems, leading to faster decision-making and a 20% reduction in stock discrepancies.
- Conducted code reviews, enforced best practices, and mentored junior developers, fostering a high-performing development team.
- Designed and implemented a waste tracking module to monitor and reduce inventory waste by 25%.
- Designed and implemented a recipe management module to streamline the creation, modification, and tracking of recipes within the inventory system.
- Engineered a dynamic ingredient tracking system that updated inventory levels in real-time upon product sales, reducing stock discrepancies by 85%

Tools: ReactJS, PHP, MySQL

– Loyalty Program

- Developed a QR code generation and scanning system, enabling seamless customer enrollment and interaction with the loyalty program.
- Implemented a stamp-based reward system where customers earn stamps for purchases, which can be redeemed for rewards, boosting customer retention and engagement.
- Developed an intuitive user interface for customers to track their loyalty points, view available rewards, and receive personalized offers.
- Integrated the messaging system with the loyalty program to send automated notifications about earned stamps, available rewards, and special offers.

Tools: ReactJS, PHP, MySQL

Software Engineer II

Jan 2023 - Dec 2023

Roomy

– Restaurant Management System

- Streamlined and optimized order taking screen for a Point of Sale (POS) system, resulting in a 20% increase in order processing efficiency.
- Engineered advanced features for order tracking and employee schedule management, leading to a 30% reduction in scheduling conflicts and boosted overall operational efficiency.
- Implemented MySQL database architecture to store and retrieve data for the POS system, resulting in faster data retrieval times by 40% and enhanced system performance.
- Designed and developed an interactive dashboard to monitor real-time orders, providing real-time insights into order volumes, popular items, and sales trends, leading to more informed decision-making and strengthened customer service.
- Successfully managed time-sensitive updates, including content changes and database upgrades, with minimal system downtime, ensuring uninterrupted service to customers and minimizing business disruptions.
- Established seamless communication and data exchange between the POS system and FBR service for tax compliance purposes, ensuring accurate and timely reporting of sales data, resulting in improved compliance and reduced risks of penalties.
- Integrated Foodpanda with POS ensuring order takers did not have to double punch the orders

Tools: ReactJS, PHP, MySQL

Software Engineer

Dec 2021 - Dec 2022

Roomy

– Property Management System

- Rolled out guest check-in/check-out functionality, reducing check-in time by 50% and boosting overall guest satisfaction.
- Designed and launched a room availability tracking feature, resulting in a 30% decrease in room assignment errors and optimized room allocation.
- Integrated payment processing capabilities, enabling secure and hassle-free transactions, and reducing payment processing time by 40%.
- Executed RESTful APIs to seamlessly connect with third-party booking sites, expanding the hotel's online presence and increasing bookings by 20%.
- Significantly elevated operational efficiency, resulting in a 25% reduction in manual workload for hotel staff, allowing them to focus on providing better guest experiences and personalized services.

Tools: ReactJS, PHP, MySQL

Cloud DevOps Trainee

Aug 2021 - Nov 2021

SkipQ

- Monitored website latency using advanced tools and techniques, leading to the identification and resolution of performance bottlenecks, resulting in a 10% decrease in page load times and enriched overall user experience.
- Executed efficient processing and retrieval mechanisms for word-related data on the website, enabling faster analysis and research activities. This resulted in a 35% reduction in data processing time and advanced productivity for research teams.

Tools: AWS, Docker, DynamoDB, Lambda, CloudWatch

EDUCATION

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

SKILLS

Frontend Development	React js, Angular, Javascript, Typescript, Redux
Backend Development	Php, MySQL, Node js, AWS, Docker, MongoDB, DynamoDB, Python, Django, Flask
Version Control	Git, GitHub
Soft skills	Collaborating, Management, Troubleshooting

SUMMARY

Experienced Lead Software Engineer with over 3 years of experience in designing, developing, and implementing innovative software solutions. Proven expertise in leading cross-functional teams to deliver high-quality projects within tight deadlines. Demonstrated success in developing robust systems such as Inventory Management Systems, Loyalty Programs, and Messaging Systems, driving operational efficiency and enhancing customer engagement. Proficient in integrating modern technologies and methodologies to create scalable, user-friendly applications. Strong collaborator with excellent skills, committed to continuous improvement and professional growth.