

SALMAN SHEZAD

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PROFESSIONAL EXPERIENCE

Wells Fargo: Engineering Associate, New York, NY

Jan 2024 – Present

- Develop and maintain complex web applications using React, JavaScript, and Chart.js for dynamic user experiences.
- Implement and manage Redis and Azure Cache for Redis, optimizing performance and ensuring data reliability.
- Lead API data integration and management to enhance application functionality with real-time data.
- Collaborate with cross-functional teams to design and deploy scalable solutions using AKS (Azure Kubernetes Service).
- Conduct performance analysis and optimization of web applications, driving continuous improvement and efficiency.
- Spearheaded the migration of legacy systems to React, enhancing maintainability and user interface.
- Design and implement reusable Terraform modules for AKS and Redis, boosting scalability and efficiency.

Citi Bank: Operational Risk Analyst, New York, NY

Aug 2022 – Dec 2023

- Participated in the application of operational risk policies, technology tools, and governance processes, contributing to 6+ projects aimed at minimizing losses from failed internal processes, inadequate controls, and emerging risks.
- Conducted risk assessments for multiple areas and drove actions to address root causes, resulting in a 30% reduction in operational risk losses by challenging both historical and proposed practices.
- Oversaw and governed 6+ technology-related operational risk initiatives, ensuring compliance and best practices.
- Successfully executed 3 Quarters of the Managers Control Assessment (MCA) program, meticulously planning, testing, and reporting on operational risk findings within strict timelines.
- Documented, implemented, and executed numerous Corrective Action Plans (CAPs), proactively managing control issues and reducing potential operational risks.

Signet Jewelers: DevOps Engineer (Intern), Akron, OH

Jan 2022 – July 2022

- Developed and maintained automated CI/CD pipelines for code deployment using CLI, contributing to 80% reduction in deployment time.
- Built and deployed Docker containers for implementing microservices, resulting in a 50% increase in scalability and efficiency.
- Demonstrated hands-on experience working with AWS Services, including EC2, S3, RDS, IAM, and IAM, utilizing them for 90% of project infrastructure.
- Managed branching, merging, and tagging repositories in Git and GitHub, while maintaining and documenting source codes in Jira and Confluence pages for 100% of projects.
- Collaborated with other dev teams regularly to establish an outbound and inbound pipeline of new practices, contributing to a 30% increase in team productivity.

PROJECTS

JP Morgan Software Engineering Virtual Experience Program On Forage ([Source Code](#))

May 2023

Participated in the J.P. Morgan Software Engineering Virtual Experience Program, a comprehensive virtual program offering practical insights into software development and financial technology. Collaborated with industry professionals on real-world projects and gained hands-on experience in various aspects of software engineering.

- Key Learnings:**
- Developed proficiency in Java, Python, and other relevant programming languages.
 - Acquired knowledge in agile software development methodologies and financial systems.
 - Strengthened problem-solving, critical thinking, and collaboration skills through team-based projects.

Web Development: Mobile Application Development Using MIT APP Inventor. ([Source Code](#))

Oct 2021 – Dec 2021

- Designed and developed 20+ mobile applications using MIT App Inventor, a visual programming platform for Android devices.
- Implemented various features, such as user authentication, data storage, and integration with external APIs.
- Created an intuitive user interface and optimized user experience by incorporating components and responsive design principles.
- Conducted thorough testing and debugging to ensure the app's functionality and performance.

Web Design: Bakery Website Redesign. ([Source Code](#))

July 2021 – Sep 2021

- Collaborated with a team to redesign a Bakery website, focusing on enhancing user experience and increasing conversions.
- Utilized HTML, CSS, JavaScript, and Bootstrap to create a responsive and visually appealing design.
- Implemented intuitive navigation, improved product display, and streamlined checkout process, resulting in a 30% increase in sales.

CERTIFICATIONS ([Source Code](#))

- Introduction to Cybersecurity, Introduction to DevOps, Java Programming Masterclass.

EDUCATION

New Jersey City University

Graduation – June 2022

Jersey City, NJ

- Bachelor of Science in Computer Science - Overall GPA-3.6

SKILLS

- **Programming Languages:** C++, Python, Java,
- **Front End:** HTML, CSS, JavaScript. **Database:** MS SQL Server, MySQL.
- **Tools:** GitHub, Android Studio, MS Visual Studio, Tableau, MS Office. **OS:** Windows, Mac OS, Linux/Unix, Git, Jenkins, Docker.