

Saad Aslam

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EDUCATION

GC UNIVERSITY, LAHORE

BACHELOR'S IN COMPUTER SCIENCE
2016-2020 | Lahore, Pakistan

GC UNIVERSITY, LAHORE

INTER IN COMPUTER SCIENCE
2013-2015 | Lahore, Pakistan

LINKS

Portfolio

LinkedIn

LeetCode

GitHub

Articles

Certifications

COURSEWORK

Software Engineering

Cloud Computing

Data Structures and Algorithms

Object-Oriented Programming

Information Security

Operating Systems

TECHNICAL SKILLS

LANGUAGES

Java, Python, C++, PHP, GraphQL

Javascript/TypeScript, SQL

FRAMEWORKS

Spring MVC, Spring Boot

Spring JDBC, Spring JPA

Microservices

React.js, Next.js, Gatsby

Docker

RESTful APIs

JUnit, JMeter

TOOLS

IntelliJ/Eclipse, Postman, WinSCP

Putty/MobaXterm, Jira

Caching(Ehcache), Maven

Burp Suite(Security Testing)

DATABASES

MySQL

Postgresql

VERSION CONTROL

Git (GitHub, Bitbucket)

CI/CD Pipeline

CLOUD TECHNOLOGIES

Microsoft Azure

EXPERIENCE

TURING | SOFTWARE ENGINEER

January 2024 - Present | United States, Remote

- Developed and maintained high-performance enterprise applications using Java and Spring Boot frameworks. Played a key role in ensuring code quality through rigorous code reviews. Successfully implemented integrations with LLM, enhancing functionality and streamlining user experience.

I2C INC | SOFTWARE ENGINEER

October 2020 - January 2024 | Lahore, Pakistan

- Significantly increased **TPS from 18 to 40 concurrent users**, boosting overall **performance score to 93%** by implementing efficient data compression for faster loading times and utilizing the HTTP/2 protocol for faster data transfer.
- Developed a scalable dashboard for **248 clients**, leveraging AJAX calls to transform it into a Single Page Application (SPA), and seamlessly integrating **RESTful APIs** for real-time display of card program activity stats.
- Strengthened security by 40%** with CSRF protection, JWT authentication, and protection against IDOR, XSS, and SQL injection vulnerabilities ensuring PCI Compliance.
- Implemented customizable alerts for C-Level management by utilizing Java and integrating a Push Scheduler, enabling auditing of sensitive document activities, resulting in a **60% improvement in monitoring efficiency**.
- Provided technical direction to the team and mentored them on their assigned tasks to ensure team goals aligned with the overall business objectives, resulting in a **20% increase in team productivity**.

PROJECTS

ONLINE LEARNING PLATFORM USING SPRING BOOT | GITHUB

- Created an Online Learning platform utilizing Spring Boot. Added essential features, such as secure authentication with JWT Authentication, efficient data management through JPA, and real-time communication using Server-Sent Events.

PERSONALIZED NEWS AGGREGATOR | GITHUB

- Built a news aggregator website, integrating multiple News APIs to fetch articles using Laravel, and constructed personalized news feed feature using React.js.

LEADERSHIP EXPERIENCE

- Awarded as Microsoft Most Valuable Professional in Developer Technologies.**
- Recognized as Microsoft Certified Trainer by Microsoft thrice.**
- Selected as the 8th Gold Microsoft Learn Student Ambassador from Pakistan.**

CERTIFICATIONS

MTA: INTRODUCTION TO PROGRAMMING USING JAVA - CERTIFIED Dec 2020

MTA: SECURITY FUNDAMENTALS CERTIFIED Dec 2020