SHEIK RAFFHAN KHAN

Software Developer
🌐 **https://raffhan-portfolio.web.app/**

✉ sheikraffhankhan@gmail.com   📞 9966598750   in Raffhan Khan   📍 Hyderabad

WORK EXPERIENCE

Systems Engineer (Backend Developer)
TATA Consultancy Services | 1st July 2021 - Present

- **Application Development and Enhancement**:
  - Collaborated in an agile squad to develop cutting-edge applications using Spring Boot framework, Angular Framework.
  - Spearheaded portal authentication migration from SiteMinder to Microsoft Authentication, ensuring seamless access and enhanced security for users
- **Technical Proficiency**:
  - Proficient in Spring Boot, Microservices, Java, Git, Hibernate, Maven, integrated third-party APIs and utilized RESTful API calls..
- **Data Migration and Automations**:
  - Led the migration of data for over 18,000 companies and 20,000+ users to Azure, utilizing Microsoft Graph APIs. This migration resulted in improved data management, enhanced access control, and strengthened security protocols. I achieved this by employing a multithreaded asynchronous migration script, which ultimately saved **£2,500.**
  - Developed and executed an automated migration script, seamlessly transferring 1000+ users from a green-side server to Transflex reduced manual effort by 80%.
- **Application Design and Development**:
  - Designed scalable applications using Spring Boot, Oracle Database, PostgreSQL and Azure Graph API.
  - Deployed applications using WebLogic servers and ECR for Docker containers on AWS EKS ensuring efficient application delivery and scalability.
- **Access Control and Automation**:
  - Implemented role-based access control (RBAC) with 7 user types defining and assigning roles and responsibilities to users, streamlining access permissions.
  - Implemented an integration with Experian to automate user approval processes, drastically reducing manual intervention. This automation included processes for approval, rejection, and escalation to manual approval by administrators when necessary, significantly reducing administrative workload.
- **Collaboration and Agile Methodology**:
  - Worked closely with cross-functional teams, including continuous integration and continuous delivery (CI/CD), UX/UI designers, QA engineers, product owners, and cloud platforms such as AWS and Azure to deliver high-quality products within tight deadlines. Participated actively in Agile ceremonies, such as daily stand-ups, sprint planning, and retrospectives, fostering efficient team collaboration and continuous improvement.
- **Efficiency and Optimization**:
  - Conducted thorough code reviews, offering actionable suggestions and promoting best practices to optimize code quality, leading to a 30% improvement in application performance and a 25% reduction in bug resolution time.

SKILLS

- **Languages** :   C, Java, Python
- **Frameworks** :   Spring boot, Spring Framework, Bootstrap, Angular, HTML, CSS, Rest API"S, Microservices.
- **Database** :   Oracle , PostgreSQL
- **Tools** :   Eclipse, IntelliJ, Spring tool suite (STS) , VS code, PyCharm, Postman, SOAP UI, Swagger UI.
- **Others** :   JSON, JUnits, Maven, putty, Jenkins, Sonar, Server, RESTful APIs, Hibernate, Git, Scrum, Sprint, SDLC, AWS etc.
- **Soft Skills :**   Effective Decision-Making, Team Collaboration, Leadership, Adaptability, Analytical Thinking

EDUCATION

- **MVGR College of Engineering -** BTech Specialized in Computer science and Engineering | CGPA 7.46/10   (2017 -2021)
- **Narayana Junior College -** PCM (Physics, Chemistry and Mathematics) | 95.4% (2015 - 2017)
- **Saint Mary's English medium high School - X,** CGPA 9.3/10 (2015)

CERTIFICATES / ACHIVEMENTS

- Google Kickstart 2020 coding competition (**Global Rank - 2560**)
- NPTEL Online Certification Programming in Java (authorized by IIT Kharagpur).
- TCS Codevita season 9 Award certificate for clearing round one.
- Linux Professional Institute - Linux Essentials
- CISCO - Cyber Security Essentials, Python
- Great Learning - AWS For Beginners

PROJECTS

College Feedback Management System
- The project was to build a website to get feedback of the mentor/teacher/tutor from students

Fraud Credit card Detection
- A machine learning Model classifies Fraud Credit Card based on the Supervised Learning technique and Logistic Regression
- Machine Learning | Jupyter Notebook | pandas | python Link : **https://github.com/RaffhanKhan/ Fraud-Credit-card-Detection.git**