

WORK EXPERIENCE

Systems Engineer (Backend Developer)

TATA Consultancy Services | 1st July 2021 – Present

- Collaborated as a key member of an agile squad, contributing to the development and enhancement of cutting-edge applications using Spring Boot framework.
- Successfully spearheaded the migration of portal authentication, transitioning from SiteMinder to Microsoft Authentication, ensuring seamless access and enhanced security for users.
- Led the migration of user data to Azure, leveraging Microsoft Graph APIs, resulting in improved data management, access control, and security protocols.
- Designed and developed scalable applications using the Springboot framework, implementing best coding practices and industry standards. Leveraged Oracle Database for robust authorization and Microsoft Azure Graph API for secure authentication, resulting in a highly secure and reliable system. Utilized WebLogic servers for deploying war files and Implemented ECR to store, manage, and deploy Docker container images AWS EKS for containerized deployments ensuring efficient application delivery and scalability.
- Designed and implemented role-based access control (RBAC) systems with 7 user types, defining and assigning roles and responsibilities to users, streamlining access permissions and ensuring data security.
- 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.
- During my tenure, I seamlessly integrated third-party APIs, effectively utilizing RESTful API calls and HTTP clients to enhance application functionality and streamline data exchange with external services and build docker images and deployed in AWS EKS (Elastic Kubernetes Service).
- Proficient in developing RESTful APIs, microservices, and server-side components using Spring Boot, framework, Hibernate, and relational databases such as Oracle SQL and PostgreSQL. Skilled in Java programming, version control with Git, and build automation using Maven.
- Worked closely with cross-functional teams, including continuous integration and 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.
- Developed and executed an automated migration script, seamlessly transferring 1000+ users from a green-side server to TransFlex reduced manual effort by 80%.
- 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.

AWARDS

Star of the Release – TCS(British Telecom).

On the Spot Award – 2022 | TCS(British Telecom).

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 Mathametics) | 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
- Technology : Java | Spring boot| HTML | MySQL | CSS | git | heroku.

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>