Sumrendra Singh

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WORK EXPERIENCE

Newgen Software   *Jun 2023 – Dec 2023*
Team Leader

- Spearheaded the successful design, development, and deployment of a Loan Origination System (LOS) for Equity Bank across five African nations (Kenya, Tanzania, Rwanda, Uganda, and DRC), utilizing Java 8, Spring MVC, and REST APIs. Facilitated seamless collaboration among a team of 12 developers, resulting in on-time project delivery.
- Defined and documented critical system specifications by aligning technical requirements with client needs, ensuring the project met all compliance and functional standards. This led to a 25% reduction in post-launch issues.
- Streamlined team workflow by implementing daily stand-up meetings and JIRA for task management, fostering a collaborative environment and improving developer productivity by 20%. This approach reduced bottlenecks and optimized task prioritization.
- Acted as the primary technical liaison, resolving issues using REST API expertise and driving feature implementations. This decreased issue resolution time by 30% and ensured smooth communication between Equity Bank's IT teams and developers.

Wipro   *Aug 2021 – June 2023*
Senior Software Engineer

- Led the migration of a complex Spring MVC and Hibernate application to AWS for the Land Transport Authority (LTA) of Singapore, addressing the challenge of moving critical infrastructure to the cloud. Leveraged DevOps practices, including Infrastructure as Code (IaC), to automate infrastructure provisioning, resulting in a 50% faster deployment cycle.
- Implemented CI/CD pipelines using Github Actions, ensuring a seamless, automated deployment process. This resulted in a 35% reduction in manual errors during deployment and improved the team's overall efficiency.
- Deployed Docker containers to ensure consistent application behavior across different environments, streamlining the development and testing processes. This improved deployment consistency and reduced environment-specific issues by 25%.
- Developed and integrated robust REST APIs using Spring Boot for the migrated application, enabling secure and seamless data exchange with external systems used by LTA. This improved system integration and reduced data processing errors by 20%, enhancing overall operational efficiency.

Nucleus Software   *Nov 2019 – Aug 2021*
Software Engineer

- Contributed to the development, testing, and deployment of the large-scale Finnone loan management system for IDFC First Bank, utilizing Java 8, Spring, and Hibernate to ensure stability and scalability. This system processes 26 million transactions daily, supporting operations for over 100 banks and NBFCs.
- Implemented robust error handling and logging mechanisms using JSP, JDBC, and Spring MVC, significantly improving the team's ability to diagnose and troubleshoot issues. This led to a 15% reduction in downtime caused by application errors, ensuring smooth operations.
- Optimized Maven build processes, reducing build times by 30% and accelerating release cycles. This improvement enhanced the team's ability to deliver updates more rapidly, supporting faster iterations and a more efficient development pipeline.
- Developed and maintained stored procedures and functions in Oracle for critical functionalities such as statement of account reports and interest calculation, improving the accuracy and speed of batch processing tasks, ensuring seamless financial operations.
- Developed and integrated REST APIs for seamless communication between IDFC First Bank and external systems like CIBIL and Experian for credit checks, utilizing Spring Boot. This integration facilitated faster loan processing and improved customer experience by automating key data exchange processes.

A S Software Services Pvt Ltd   *Aug 2017 – Nov 2019*
Software Engineer

- Collaborated with NBFCs, including Abu Dhabi Finance, Tawkelat Finance, and Aditya Birla Housing Finance, to implement Loan Servicing Software. This addressed the challenge of automating loan management processes, resulting in more efficient handling of customer loans and reduced operational overhead.
- Created customized reports using Jasper Reports, tailored to customer needs, such as Loan Closure, Waiveoff, and Statement of Account reports. These reports improved financial data transparency and helped clients make informed decisions.
- Developed a comprehensive lending solution for Abu Dhabi Finance using Java and MSSQL Server. This solution integrated authentication and automated data processing via stored procedures and schedulers, leading to a 20% improvement in loan processing speed..
- Built an integration framework for Aditya Birla Housing Finance's Home Loan Management System, enabling seamless data exchange between internal systems and third-party tools such as CIBIL, Multi Bureau, Posidex, CRM, and Paytmusing secure SOAP protocols. Leveraged MSSQL Server for data storage, resulting in smoother operations and more secure financial transactions.

EDUCATION

York University, Canada   *Jan 2024 – Sep 2024*
Backend and Blockchain Development

SRM University, India   *May 2013 – Apr 2017*
Bachelor of Technology - Computer Science

KEY SKILLS

Languages: Java 8, Python
Web Technologies: ReactJS • JSP • JDBC • Java Script • Ajax • Microservice
Frameworks: Struts, Hibernate, Spring MVC, Spring Boot, Django
IDE: Eclipse, Visual Studio Code
Database: Oracle, MySQL, SQL Server
Reports: Jasper Reports
Cloud: AWS (S3,EC2), GCP(Cloud Storage)
Tools: Docker, JIRA, CI/CD (Github Actions),
Additional Skills: SDLC (Agile, Waterfall), Functional knowledge in Banking/Lending Applications.