SHAIKH **SAAD** BIN KADER

📍 Edmonton, AB

9+ years of exposure to working in agile development teams specialized in Jakarta EE and JVM-based technologies in SaaS/Cloud Computing industry

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💼 RECENT EXPERIENCES

Senior Software Engineer II, Therap Services, Oct 2021 – Aug 2022
- [Start Up/Redesign] Individual Plan: a configurable planning tool based on the user's assessment and agenda. Contribution Impact: lead a team to replace two existing specialized planning tools while meeting the specification of three other new US states; the outcome is a configurable planning tool capable of satiating major US I/DD industry planning requirements. Tech-stack: JdbcTemplate, Hibernate, Spring MVC, JSP, jQuery, Bootstrap

Senior Software Engineer, Therap Services, Jul 2018 – Sep 2021
- [Framework Enhancement] Coherence Cache Renewer: a token-based coherence cache renewer to sync the cached resources expiry with client HTTP sessions. Tech-stack: jQuery, Spring MVC
- [Framework Enhancement] Emoji and Color Code Support for XML Data Difference Generator: Tech-stack: XSLT, Java
- [Redesign] Time Tracking: a time interval-based data collection and reporting tool which records nearly three million records a month. Contribution Impact: tailor-made SQL powered by Spring JdbcTemplate with custom version controlling brought about roughly four times improvement over previous Hibernate-based EntityManager. 100% batch actions have been converted to one of single SQL or JdbcTemplate batch execution from previous Hibernate generated single SQL per action. Tech-stack: JdbcTemplate, Hibernate, Spring MVC, JSP, jQuery, Bootstrap
- [Tech-stack Improvement] eCHAT: the Comprehensive Health Assessment Tool (eCHAT) is an in-depth online health assessment and reporting tool. Contribution Impact: outdated HibernateTemplate has been replaced with Hibernate-based JPA provider. Tech-stack: Hibernate, Spring MVC

Software Engineer II, Therap Services, Oct 2016 – Jul 2018
- [Start Up] Scheduling/EVV: a module to build staff schedules (especially for in-home and community-based services), track staff hours, monitor individual service allocation, and meet the federal EVV requirements. Contribution Impact: this fastest-growing high data volume module with features like application-layer atomicity and optimistic locking(achieved using distributed in-memory data grid across application clusters) is expected to meet federal EVV requirements. Tech-stack: Hibernate, JdbcTemplate, Spring MVC, DHTMLX, Bootstrap, Google Maps
- [Framework Enhancement] GenericFormatter: a spring configuration-based generic entity formatter. Contribution Impact: removed code duplicity for primary key-based entity formatters from one-to-one to one-to-all.Tech-stack: Spring

Software Engineer, Therap Services, Oct 2015 – Oct 2016
- [Redesign] Individual Support Plan Agenda: an agenda documentation tool that is later used for plan generation. Contribution Impact: deprecated Seam framework has been replaced by Spring MVC. Tech-stack: Hibernate, Spring MVC
- [Redesign] General Event Reports: an incident reporting tool that can include injury, medication error, restraint death, or the other categories along with witness reports. Tech-stack: Hibernate, Spring MVC
- [Redesign] Health Reports: a visual report for an individual's health information. Contribution Impact: responsive graphs and server load cut down were achieved by replacing the existing server-side Java-based graph generator with client-side jQuery Flot. Tech-stack: Hibernate, Spring MVC, jQuery Flot
- [Framework Enhancement] pre-wrap JSP tag: a JSP tag to override default HTML whitespace formatting to preserve source formatting. Contribution Impact: ensured source formatting perseverance regardless of requesting browser type.

Associate Software Engineer, Therap Services, Jun 2014 – Oct 2015
- [Enhancement] Report Library: a tool to generate exportable excel reports from relational databases. Contribution Impact: the developed expression-based language upon evaluation ensures Data integrity and security. Tech-stack: Hibernate, Spring MVC, JEval, jQuery
- [Start Up] Employment History: a tool to assist an individual with preparing, landing, and maintaining a job with additional features like Job Bank development. Contribution Impact: replaced previous supported employment tracking model. Tech-stack: Hibernate, Spring MVC, jQuery

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🔧 SKILLS

Spring Framework (MVC, Web Flow), JEE (JSF, EJB, CDI, JPA, JMS), Hibernate, Hazelcast, Log4j, TDD (JUnit), Java, JavaScript, SQL, Python, C/C++, REST, jQuery, Bootstrap, HTML, CSS, Oracle Weblogic Middleware, Sonarqube, JIRA, Atlassian Bamboo, Git, Gradle, Maven

🔄 LATEST JOB RESPONSIBILITIES

A. Team Leading & Management
B. Requirement Gathering & Analysis
C. System/Feature Design
D. Development
E. Code Review & Quality Control
F. Scrums & Meetings
G. Interviews/Recruitments & Mentoring
H. Presentations & Talks

🎓 EDUCATION

B.Sc. in Computer Science and Engineering
University of Dhaka, Bangladesh
2009 - 2013
CGPA: 3.53/4

👤 INTERESTS

Software Engineering: Reliability, Scalability, and Maintainability, Software Architecture and Design Patterns

🎮 PASTIME

Soccer, Cricket, Table Tennis, Travel Photography, Digital Painting, Music, Tropical Gardening