

JAWAD SIDDIQUE

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An accomplished Software Engineer, IAM Specialist, and Cyber security Risk Assessor with 16 years of experience in IT systems delivery management, integration, testing, identity and access management using modern enterprise platforms, middleware, database technologies, and IAM solutions. Committed to staying up to date with industry trends and new technology, helping to create technology roadmaps, and supporting the transition to future state architecture while ensuring robust security measures and risk mitigation strategies.

PROFESSIONAL SUMMARY

- Expertise in designing, developing, and deploying Identity and Access Management solutions, streamlining access controls and enhancing system security, including IAM Delivery Consulting, Identity Governance and Administration (IGA), Privileged Access Management (PAM), and Identity & Access Management.
- Managed and maintained Azure Active Directory (Azure AD), ensuring seamless access and security.
- Conducted regular audits and reviews of IAM configurations to ensure compliance with company policies and industry standards.
- Troubleshoot and resolved IAM-related incidents, reducing downtime and enhancing user satisfaction
- Conducted comprehensive risk assessments for projects, identifying potential vulnerabilities and recommending mitigation strategies.
- Collaborated with cross-functional teams to ensure risk assessments aligned with business objectives and regulatory requirements.
- Proficient in developing J2EE-based applications across various domains, ensuring alignment with business objectives and seamless integration.
- Extensive experience with open-source technologies like Struts, Spring, CDI, JMS, JSF2, Primefaces, and Hibernate frameworks along with Liferay CMS, catering to diverse business needs.
- Skilled in designing and developing SOA-based distributed systems using web service standards, improving system scalability and performance.
- Demonstrated ability to implement robust change and release management practices, ensuring seamless transitions and minimal disruption to business operations.
- Proficient in Agile and Test-Driven Development (TDD) methodologies, delivering high-quality, adaptable solutions to complex business challenges.
- Comprehensive experience in developing, modeling, and implementing BPEL orchestration modeling to optimize business process automation.
- Strong understanding of RDBMS concepts, with extensive experience working with Oracle, SQL, PL/SQL, and MS-SQL Server.
- Proficient in ETL, used Pentaho for legacy data transformation and data migration projects, ensuring data integrity and accuracy.
- Managed cloud and on-premise infrastructure, including AWS, to support business growth and digital transformation initiatives.
- Experience working in government, consulting, and startup cultures/environment as an external consultant, adapting to various organizational dynamics and challenge.

EDUCATION

- Masters of Information System (Advanced), Griffith University, Queensland, Australia
- Bachelor of Computer Science
- **MSP® Foundation** - Managing Successful Programmes
- **Liferay Fundamentals**, Developer Bootcamp, Administrator
- **SailPoint IdentityIQ** - Identity and Access Management (IAM)

EMPLOYMENT HISTORY

- Senior IAM Architect / Design Engineer(IAM), Australian Unity, **2021-2023**
- Senior Liferay Portal Developer / Architect, ABS, **2018-2020**
- Solution Architect, BestValue Autopart Chicago, **2017-2018**
- Identity and Access Management Specialist, **2016-2017**
- Senior Developer, Australian Bureau of Statistics, **2010-2016**
- Application Specialist, EduTec, **2008-2010**
- Analyst Programmer, Cirrus Australia, **2007-2008**

PROJECT EXPERIENCE

Investment Market [September 2023 – Current]

Role: Tech Team Lead

Technical Environment: Next.js 14, Node.js, MongoDB, Strapi, MySQL, AWS, CD/CI Pipeline, GitHub Actions, AWS, Docker

Responsibilities:

- Updated client-side project from Next.js version 9 to version 14
- Migrated from page router to app router
- Replaced deprecated packages and upgraded all packages to their latest versions
- Updated configurations and adopted the updated metadata APISwitched from Redux to Redux Toolkit for state management
- Addressed and mitigated hundreds of vulnerabilities in the client-side project due to outdated code base
- Implemented new AWS cloud infrastructure, replacing the old one
- Set up CI/CD pipeline using Docker and GitHub Actions
- Managed five backend projects, one CMS project with Strapi, and one client-side project within the new infrastructure
- Builds and deployments triggered by pushes to respective repositories
- Enhanced security measures for both the client-side and infrastructure

Australian Unity - Identity and Access Management [May 2021 - July 2023]

Role: Solution Architect

Technical Environment: SailPoint Identity IQ, Java, Beanshell, Spring Framework, Hibernate, Apache Struts, Apache Tomcat, MySQL or other databases, Active Directory, Azure AD, ServiceNow, SAP, LDAP, and RESTful API

Responsibilities:

- Collaborated with stakeholders to gather requirements, analyze, and document product and implementation details at both technical and functional levels.
- Developed and executed strategies to ensure SailPoint IAM implementation and maintenance were secure, efficient, and well-organized.
- Led the design, planning, and implementation of SailPoint IAM solutions, including security, authentication, authorization, provisioning, and access control.
- Designed training programs and provided technical guidance to team members and stakeholders.
- Managed project scope, scheduled meetings, followed up on task statuses, and coordinated required documentation.
- Developed custom workflows with multi-level approval and time-based escalation for the approval process.
- Configured various Business and IT roles, and Entitlement SOD policies in SailPoint.

Identity and Access Management Specialist. [2019-2021]

Role: Identity and Access Management Specialist

Technical Environment: Identity IQ – SailPoint, Bean shell, Web Services, Oracle, PLSQL, Maven, Note-based graphical database Neo4j

Responsibilities:

- Integrated role and access-based systems with Identity IQ.
- Developed custom connectors for integration.
- Installed and deployed the product.
- Customized the product using Bean Shell.
- Implemented single sign-on using Kerberos.
- Conducted code peer reviews for other team members.

BestValue AutoPart Chicago - ERP for Auto part Industry [2018-2019]

Role: Solution Architect

Technical Environment: Liferay DXP, Java, Tomcat, Freemarker, JSF, JSP, Spring, Hibernate, Web Services, MySQL, OSGi, Gradle, JasperReports, JSR-286 (Portlet 2.0)

Responsibilities:

- Developed various application components using Liferay DXP modules.
- Created portlets using HTML, JSP, JSF, JavaScript, JQuery, and CSS.
- Developed themes using Freemarker template language.
- Utilized Liferay Service Builder to fetch data from the database using dynamic and custom SQL queries.
- Used Liferay Hooks to override and customize the functionality of Liferay services and web resources.

Federal Government - Design time UI [Jan 2017 - Jan 2018]

Role: Senior Liferay Portal Developer / Architect

Technical Environment: Liferay DXP, Java, Richfaces, JSF, Spring, Hibernate, Web Services, Oracle, PLSQL, Gradle

Responsibilities:

- Developed various application components using Liferay DXP modules.
- Created portlets using Primefaces, JSF, JavaScript, JQuery, and CSS.
- Utilized Liferay Developer Studio for development.
- Worked with Java CDI and Query Language for writing business logic.
- Conducted code peer reviews for other team members.
- Developed responsive web design of the UI using Primefaces, JSP, JavaScript, and CSS3.
- Participated in Agile scrum and retrospective meetings, using Jira as the issue tracking tool.
- Provided technical documentation on integrating with third-party systems like Liferay DXP.

Australian Bureau of Statistics - Work Bench [2016-2017]

Role: Senior Developer

Technical Environment: Identity IQ – SailPoint, Bean shell, Web Services, Oracle, PLSQL, Maven, Note-based graphical database Neo4j

Responsibilities:

- Integrated all role and access-based systems with Identity IQ.
- Development of writing custom connectors.
- Installation and deployments of the product.
- Customized the product using Bean Shell.
- Implemented the single sign-on using Kerberos.
- Conducted code peer reviews of other team members.

Australian Bureau of Statistics - SOA Competency Center [2015-2016]

Role: SOA Technical Maturity Champion

Responsibilities:

- Designed and delivered SOA patterns to provide guidance to delivery teams through consultation and industry research.
- Engaged, consulted, and influenced applications delivery teams for the introduction of enterprise standards/patterns/best practices to support the Statistical Business Transformation Program.
- Supported delivery teams in designing and building enterprise systems to meet the SOA architecture principles through consultation and DAG (Design Advisory Group) governance process.
- Performed gap analysis based on OpenGroup SOA Reference Architecture and made recommendations for capabilities improvements.
- Analyzed enterprise integration scenarios that occur within the organization and devised a capability maturity plan based on the priorities.
- Demonstrated competency and skills in liaising with stakeholders, including application delivery teams, management teams, infrastructure teams, and security teams.

Australian Bureau of Statistics - Statistical data dissemination systems[2010-2014]

Role: Senior Developer

Technical Environment: Java, Richfaces, JSF, EJB, CDI, Seam, Spring, Hibernate, Web Services, ActiveVOS, Oracle, PLSQL, Maven

Responsibilities:

- Delivered, designed, developed, and managed various statistical data dissemination systems such as Data Analyzer and Data quality tool.
- Deployed and managed statistical COTS products into the environment in partnership with vendors to deliver dissemination capabilities.
- Managed sprint cycles for projects and for Data Analyzer project towards the end of the development phase.
- Engaged with infrastructure, security, and middleware teams to deliver infrastructure dependencies.
- Managed deployment pipelines across dev, test, and production environments, following Continuous Integration (CI) practices and Release and Deployment processes.
- Performed business analysis through client engagement to build data models for dissemination data user's management.
- Developed solution components using Java, Spring, XML, Web Services (SOAP, REST), EJB, Hibernate, JSF, Richfaces, SQL, PLSQL, JBOSS, and Oracle technology stack.
- Developed automated test suites using SOAPUI, Concoction, JUnit, and Selenium.

Employer: Cirrus Australia [2007 -2009]

Client: Brisbane City Council

Project worked on: Rail Transport Management System (TMS), Business Intelligence and Reporting Systems

Role: Analyst Programmer

Technical Environment: Java, JSP, Struts, Swing, Oracle, SQL, PLSQL, Oracle Reports

Responsibilities:

- Engaged with clients to gather and document functional requirements for container billing services.
- Designed and developed application modules using Java/J2EE and Oracle PL/SQL to build a revenue management system for customers.
- Developed a star schema that captures revenue/invoice records in fact tables structure with a set of surrounding dimension tables to track business unit KPIs.
- Developed ETL processes using Change Data Capture (CDC) techniques with Oracle and Pentaho tool to move data from operational databases to data warehouses.

Employer: Cirrus Australia

Client: Queensland Education

Role: Analyst Programmer

Technical Environment: J2EE, JSP, EJB, Hibernate, Ant, SQL Server, JBOSS server, Log4j, SQL, JUnit, JavaScript

Responsibilities:

Objective of this project was to re-design the existing systems of St. Joseph College in J2EE. The re-design process included the following activities:

- Documentation of existing systems.
- Identification of improvements through discussions with clients.
- Designed and implemented the new system/portal (www.terrace.qld.edu.au).