**EXPERIENCE SUMMARY**

Skilled in architecting scalable cloud solutions and data pipelines using AWS, Azure, Spark, Scala, and Python. Delivered impactful transformation initiatives for clients including UHG, Change healthcare, Quest Diagnostics, CVS, Apple, Google, Kellog’s, Kohls, Vantiv, and ANZ.

**TECHNICAL SKILLS**

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| **Development tools** | AWS (S3, EC2, EMR, IAM, RDS, Systems Manager, Secrets Manager, EFS, EBS, EKS, Glue, Cloud watch, Athena, Java SDK, CLI, MWAA), Azure, Databricks, Snowflake, Incorta, MLOPS, Unix Shell scripts, Jupyter, Influx DB, Grafana, Git Hub, Jenkins and Docker |
| **Programming Languages** | Java, Scala, Groovy, Python, Java Script, SQL |
| **Testing tools** | SELENIUM, TOSCA, TestNG, Ready API |
| **Functional Areas** | Healthcare, Airways, Energy and Utilities, Telecom, Securities, Retail, Manufacturing |

**CERTIFICATIONS**

* Project Management Professional from Project Management Institute
* ITIL Foundation certificate
* Sun Certified Java Programmer
* Amazon certified solution Architect Associate

**Key Projects**

1. **Multi-Tenant Data Platform Automation and Integration (Optum, USA)**

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| **Description** | A robust data platform which is unified and actionable that transforms raw data into meaningful insights that enhance customer experience, drive revenue, and shape brand identity |
| **Role** | Principal Engineer (Cloud and Data Engineering) |
| **Skills** | Spark, Hadoop, AWS (S3, EC2, EMR, IAM, RDS, Systems Manager, Secrets Manager, EFS, EBS, EKS, Cloud watch, Athena, Java SDK, CLI, MWAA), Java, Scala, Python, Airflow, Sparkflows and Terraform |
| **Contribution** | * **Automated deployment** of Apache Airflow and Sparkflows platform on AWS using Terraform, reducing infrastructure setup time by **over 90%** and minimizing manual errors. * **Integrated Sparkflows** with Sentinel and Guardian, enhancing data governance and monitoring capabilities across **100% of production pipelines**. * **Connected Sparkflows with Airflow**, enabling seamless orchestration and improving pipeline reliability by **75%**. * **Developed reusable “Lego blocks”** for data engineering pipelines, accelerating multi-tenant onboarding and reducing development time by **75%**. * **Onboarded and trained 50+ tenants on Sparkflows**, ensuring rapid adoption and operational readiness within **2 weeks** per tenant. |
| **Start Date** | 08/01/2021 |
| **End Date** | Till Date |
| **Period** | 48 months |

1. **Intelligent Healthcare Data Platform (Change Healthcare, USA)**

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| **Description** | This platform enables payers to meet CMS Interoperability Guidelines by securely sharing five years of comprehensive claims data via APIs. The initiative is a collaborative effort across multiple teams, including Platform, Product, Data Services, IAM, and payer organizations |
| **Role** | Principal Engineer (Cloud and Data Engineering) |
| **Skills** | Spark, Hadoop, AWS (S3, EC2, EMR, IAM, RDS, Systems Manager, Secrets Manager, Cloud watch, Athena, Java SDK, CLI), Java, Scala, Python and Zeppelin |
| **Contribution** | * **Fostered strong partnerships across teams**, including Data Services, Platform Engineering, IAM, and payer organizations, to align on data ingestion strategies, integration timelines, and compliance requirements. * **Facilitated regular cross-team syncs and working sessions**, ensuring transparency, shared accountability, and rapid resolution of integration challenges. * **Acted as a bridge between technical and non-technical stakeholders**, translating regulatory and business needs into actionable data integration plans that were clearly understood across disciplines. * **Championed a collaborative problem-solving culture**, encouraging open dialogue and joint ownership of issues, which led to faster decision-making and improved data quality outcomes. * **Worked closely with payer partners**, building trust and streamlining onboarding by aligning on data formats, validation rules, and delivery schedules. |
| **Start Date** | 06/01/2018 |
| **End Date** | 07/31/2021 |
| **Period** | 36 months |

1. **Principal Consultant (Wipro, USA)**

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| **Description** | Led the implementation of scalable test automation solutions using Tricentis TOSCA and Wipro Assure NXT, reducing manual effort and enabling early defect detection across multiple client projects. |
| **Role** | Principal Consultant, Solution Architect |
| **Skills** | TOSCA, ASSURE NXT, Java / J2EE, Maven, Git, Sonar Cube, TESTNG, SELENIUM, SOAPUI, JMETER, HP QTP, Oracle ATS, ELK, Jenkins, Puppet, JBehave, Groovy, SQL, CQL |
| **Contribution** | * Acted as a trusted advisor to multiple automation teams, fostering close collaboration to implement Tricentis TOSCA and Wipro AssureNXT solutions tailored to each project’s needs. * Facilitated knowledge sharing and alignment across teams by organizing workshops, walkthroughs, and hands-on sessions to accelerate adoption of automation tools and best practices. * Partnered with development, QA, and DevOps teams to embed automation early in the SDLC, promoting a shift-left approach and improving cross-team feedback loops. * Supported team members in designing reusable, maintainable test cases, encouraging shared ownership and reducing siloed efforts. * Collaborated with client stakeholders to align automation strategies with business goals, ensuring transparency, trust, and long-term value delivery. |
| **Start Date** | 05/01/2015 |
| **End Date** | 05/30/2018 |
| **Period** | 36 Months |