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Technical Architect, DevOps Lead, SSM, CSM

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Profile

Software architect skilled in SAFe Agile methodology, DevSecOps tools, NodeJS/JavaScript and Java Enterprise Edition. Advanced hardware and software design platform experience with multi-cloud, multi-tiered, distributed or containerized implementations with release pipeline and delivery technologies utilizing Azure DevOps or Jenkins and GitHub source management.

Specialties: Adobe Experience Manager, IBM Content Navigator, IBM Content Platform Engine, Java Persistence Architectures (JPA), JBoss deployment, WebSphere deployment architectures, XML, XSLT, Java Enterprise Edition implementations and deployments, Oracle database tuning, MySQL database tuning, EJB application performance testing.

Roles

- Business Analyst
- DevSecOps Engineer / Technical Lead
- Technology Coach / Agile Scrum Master

Solutions

- Big Data ETL/Cloud Integrations Requirements and Modelling
- Agile Backlog Management: AzureDevOps, CA-Rally, JIRA
- DevOps Tools Artisan, Secure Configuration Integrations

Technical

- Data: S3, RedShift, Databricks, Excel, Scala
- Integration: Azure, Jenkins, OpenShift, Dynatrace, Maven, Gradle, Groovy scripting
- Collaboration: Visio, MS Teams/O365, WebEx Teams, BlueScape, BluePrint/Storyteller
- Configuration as Code: K8s, YAML, Docker/Podman, Image Registry
- Secure Platforms: SSL Administration, OAuth2, SSO, HashiCorp Vault

Key Engagements

Industry	Role	Activities
Major Healthcare	Business Analyst	Big data extract, transform, load, audit, modeling aid and functional reporting requirements gathering within agile team.
Major Finance	DevOps Engineer	Convert Cloud66 deployment mechanism for Ruby on Rails application to Azure DevOps pipelines.
Major Technology	Trainer / Technical Architect	Technical interviewing, coaching and team building to enable recent career changing technical bootcamp graduates.
Major Healthcare	DevOps Engineer	Develop prototypes and proofs to support technology migration and shift in-progress at client site.
Major Manufacturing	AEM DevOps Engineer	Configuration as code site management across multiple properties and technology implementations.
Major Automotive	DevOps Agile Coach	Promoted full-stack cloud-foundry technologies and tools to affect Development Operations (DevSecOps) methodologies implementation with complex partner and third-party integrations.
Major Banking	Installation Architect	Designed, install, and configured overall system architecture. Coordinated the work across multiple integration teams.
Major Insurance	Technical Architect	Architect and technical lead for integration project. Managed secure configuration integration and client support team training on platform to transition developed BPM solution.

Industry	Role	Activities
Major Automotive	Integration Architect	Installed and configured a multi-server, clustered WebSphere Server environment. Documented run-book architecture and trained client administrators. Provided advanced migration troubleshooting support.

Education

- Bachelor of Science, Central Michigan University 2014
- Associate of Arts, Macomb Community College 1995

Professional Training/Certifications

- SAFE 5.1, 2021
- SAFE 5.1 Scrum Master, 2023
- AEM DevOps Engineer
- Jenkins Engineer 2020
- IBM Certified Professional
- Microsoft Certified Professional

Experience

Perficient : *Technical Architect* : March 2016-Present

Perficient Client - Major Healthcare : *Business Analyst* : Oct-2022-Mar-2023

Business analyst assisting big data analytics modelling and data movement between multiple vendor data stores.

Responsibilities

- Technology roles – Visio, MS-SQL, RedShift, Postgres, Databricks interface management
- Workflow tools – SharePoint linked JIRA requirements and card creation

Business/Technology Value

Assist client and team to facilitate and define gathering requirements which influence:

- Infrastructure cost savings through big data hosting platform shift
- Long term architectural data governance alignment considered during shift

- Compliance to business-controlled access utilization while reconciling validated data
- Improved access to managed operational cost and performance growth on updated platform

Perficient Client - Major Finance : *DevOps Engineer* **: Jan-2022-May-2022**

Convert Cloud66 deployment mechanism for Ruby on Rails application to Azure DevOps pipelines.

Responsibilities

- Technology roles – Azure DevOps Pipeline Developer
- Azure Portal – Azure Resource Management hardware provisioning

Business/Technology Value

- Subscription deployment framework to in-house framework
- Gen1 to Gen2 Azure Resource Virtual Machine update

Perficient Client - Perficient : *BrightPaths 2 Technical Trainer* **: Jan-2021-Dec-2021**

Bright Paths Program

Colleague on-boarding to multiple secured development environments including TFS/AzureDevOps, Confluence, and SharePoint 2020. Agile backlog and ceremonies administered to engage new team members building user-interfaces using Angular, React, and Spring Boot software technologies. Local development technology setup and upgrade assistance and documentation development. Docker, docker-registry, Jenkins and Azure DevOps CI/CD implementation assistance and troubleshooting.

Responsibilities

- New consultant resume refinement assistance
- Ubuntu Linux administration, Windows Subsystem Linux (WSL) configuration and usage
- AEM, Spring Boot security and deployment support, development issue triage
- Visual Studio Code React Development enablement, Spring Boot development support
- Azure DevOps board management

Business/Technology Value

- Information and access management for new colleagues
- Usage improvement of multiple collaboration tools

Perficient Client - Major Healthcare : *DevOps Engineer* : Jul-2021-Sept-2021

Develop prototypes and proofs to support technology migration and shift in-progress at client site.

Responsibilities

- Technology roles – Azure Data Pipeline analysis
- Apache Spark vs Azure Procfwk tooling analysis

Business/Technology Value

- Framework considerations to common data loader needs

Perficient Client - Perficient : *BrightPaths 1 Technical Trainer* : Apr-2020-Jan-2021

Bright Paths Program

Technical interviewing, coaching and team building to enable recent career changing technical bootcamp graduates. Assist, delegate, and troubleshoot on-boarding to multiple DevOps delivery systems incorporating various Java, JavaScript, and Jenkins/AzureDevOps tooling utilization and exposures. Operate as initial scrum master and promote role growth and attraction for team members to various specialties in the full-stack architecture paradigm.

Responsibilities

- Technology roles – Azure Project Admin, Docker deployment, Spring-boot, ReactJS, AngularJS. Linux Admin
- Scrum Master, Technology coach, Release Train Engineer
- Team reporting, resource management, product owner/stakeholder negotiation
- Office365, Atlassian, VPN/Firewall, Azure Teams Access management
- Projects infrastructure maintenance

Business/Technology Value

- Colleague growth and improvement
- Process and Technology reinforcement and evolution
- STEM Culture community investment
- Marketing and Brand exposure
- Strategic growth through People and technology investment

Perficient Client - Major Manufacturing : *DevOps Agile Coach* : Apr-2016-Jan-2020

Agile transformation impacting multiple teams utilizing Rally, Office tools, and requirements management software. Crafting agile Product conversions by detailing Continuous Integration (CI), Continuous Testing (CT), and Continuous Deployment (CD) implementing Jenkins with containers. Influencing backlog and product setups in social platform integrations and multiple technology adaptions.

Responsibilities

- Multiple technology roles – AEM, Jenkins, Nexus, Cloud Foundry
- Jenkins's setup, securing and job administration
- Deliver new technology tools training
- Agile Rally backlog usage and coaching
- Infrastructure delivery technologist new tool usage and setup

Business/Technology Value

- Achieved planned cost reduction and technology currency via effective on-boarding new technologies
- DevSecOps adoption
- Improved risk and planning management
- Results-driven
- Timely execution of project deliverables
- Exceeds business expectations per initial program requirements

Pyramid Solutions : *Senior Software Engineer* : August 2013-March 2016

Enterprise Content Management (ECM) group performing IBM Case Manager 5.2.1 installation and solution development. Additional experiences with IBM Content Navigator plugin development - JSON, DOJO, CSS, Java, Javascript. Additional background applying installation architecture duties implementing a multitude of IBM products – IBM FileNet, IBM Case Manager 5.2.1, IBM Content Navigator 2.0.3, IBM Content Collector, IBM Content Search Services. These products were installed under the WebSphere 8.5.5 environment on Windows Server 2012 R2 with high-encryption Secure Socket Layer (SSL) configuration and FINRA WORM compliant storage for non-repudiated storage of content. Integrated with an exceptional team we delivered advanced business process management using the IBM Case Manager and Pyramid Solutions created application solution for insurance and banking industries.

Responsibilities

- Created secure configuration platform testing server installations

- Integrated SOA web service secure integrations
- Provided advanced troubleshooting and issue resolution on WebSphere and Apache servers

Business/Technology Value

- Reduced time to market for complex product testing
- Created reusable document templates for repeatable installation procedures
- Increased responsiveness to client secure configuration troubleshooting

HBM Prenscia (formerly HBM Inc. / nCode International) : *Applications Specialist* : February 2005-August 2013

Mentor and maintain new and existing customer installations and third-party associated products through multiple version upgrades of the ICE-flow Library and nCode Automation product.

Enterprise integration architect specializing in deployment and product packaging. Acted to secure applications deployments via Secure Socket Layer configuration and software enhancements which enable nCode Automation software hardening through Single-Sign-On (SSO), HTTPS, FTPS, smart card and AD/LDAPS customer site integrations. The nCode Automation product provides web-based advanced statistical analysis of finite elements within the nCode brand suite. The signal processing capabilities provides condition based maintenance and engineering tests for design of durability and quality.

Responsibilities

- Provide advanced hardware configuration and architecture designs
- Develop and execute scalability and load testing configurations
- Isolate and troubleshoot network, hardware, and software configuration issues
- Create and deliver international five-day usage and installation certification course

Business/Technology Value

- Reduce product installation time from two weeks to 10 minutes
- Improve customer and field engineer relations
- Create repeatable load testing and metrics reports for software performance
- Agile spike porting software from EJB 2 to EJB 3 technology

Compuware Corporation : *Customer Support Representative* : November 1993-November 2004

Optimal products technical training and Java 2 Enterprise Edition specifications applied to identify program environment quality and usability improvements.

Responsibilities

- Internal and external use-groups monitoring and response
- Collaborate advanced deployment architecture issue resolution and problem resolution
- Provide training and documentation input and feedback during product life cycle
- Advised team leader role to improve product call center logistics and support role duties

Business/Technology Value

- Deliver train-the-trainer software release update instruction
- Manage multiple product lines support
- Provide high-quality response and management to clients as a level 3 technician

Compuware Product - UNIFACE : *Senior Technical Support Analyst* : 2000-2003

UNIFACE is a fourth-generation database programming language implementing operating system independence via a proprietary runtime environment.

Responsibilities

- Perform personnel support for advanced implementations and problem recreations
- Details protocol and systems analysis for client server and web portal implementations
- Instruction and facilitation of training provided to communicate Beta product delivery knowledge transfer

Business/Technology Value

- Created and maintained internal product Special Interest Group
- Manage and interface high-profile client issue solving and problem resolution
- Provide detail and assistance to multiple platforms support; AIX/SUN/SGI/zOS/AS400/Linux/PC/Apple

Compuware Client - Ford Motor Company : *Technical Specialist* : 1995-1999

Global Study Process Allocation System application integration specializing in CAD image format management to the vehicle build information.

Wayne State University : *Professional Technician* : September 2003-April 2004

Develop and deliver 14-week course covering concept and implementation of Model Drive Architecture as provided by Compuware's OptimalJ product.

Responsibilities

- Develop 14-week syllabus, courseware, and exams
- Assist Masters-level students in use and understanding of Java technology
- Assist Masters-level students in use and understanding of Unified Modelling Language
- Assist Masters-level students in interpretation and understanding of Model Driven Architecture
- Deliver in-person and custom developed course material

Business/Technology Value

- Create business to academia synergies for technology and industry
- Provide distilled and practical training for advanced technology concepts