

Contact Information

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Objective

I enable agile and scaled agile teams delivery and execution through managed application of applicable standards and best-practices aligned to release train business objectives and outcomes.

Summary

As a development operations lead, I have expertise in various areas, including SAFe Agile methodology, DevSecOps tools, NodeJS/JavaScript, and Java Enterprise Edition. Additionally, I have advanced experience in designing platforms for hardware and software, with a focus on multi-cloud, multi-tiered, distributed, or containerized implementations. I'm also well-versed in release pipeline and delivery technologies, utilizing Azure DevOps or Jenkins and GitHub source management.

Key Skills and Technologies:

- **Content Management:** Adobe Experience Manager, IBM Content Navigator, IBM Content Platform Engine
- **JavaScript Technologies:** ECMAScript (ES6, ES8), TypeScript, Node.js, NPM, Next.js
- **Java Technologies:** Spring Boot, Java Persistence API (JPA), Java Enterprise Edition (Java EE)
- **Deployments:** Cloud Image Containers and Registries, Nexus, JFrog, Docker, Java, Node.js, JBoss, WebSphere Network
- **Database Technologies:** Oracle, MySQL, MS-SQL, SQLite
- **Markup Languages:** XML, XSLT, HTML, Markdown

Roles

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

Solutions

- Next.js/ReactJS Site Securing and Deployment
- Adobe Experience Manager, Adobe Cloud Environment

- Agile Backlog Management: Azure DevOps, CA-Rally, JIRA
- DevOps Tools Artisan, Secure Configuration Integrations

Industries

- Healthcare, Insurance and Finance
- Manufacturing Marketing and Engineering
- Utilities, Aerospace, and High-tech

Technical Skills

- Cloud – Azure, AWS, GCP, GitLab, Adobe Cloud Environment
- Data: S3, RedShift, Databricks, Excel, Scala
- Integration: Azure DevOps, Jenkins, OpenShift, Dynatrace, Maven, Gradle, Nodejs
- Testing: SonarQube, Postman, Cypress, Insomnia, Jest, Playwright
- Collaboration: Visio, MS Teams/O365, WebEx Teams, BlueScape, BluePrint/Storyteller
- Configuration as Code: Bicep, Terraform, OpenTofu, Docker/Podman, Container Image Registry
- Secure Platforms: Next-Auth, SSL Administration, OAuth2, SSO, Hashi Corp Vault, GitHub, MS-Entra ID

Key Engagements

Industry	Role	Activities
Major Automotive	Busines Analyst	Generative artificial intelligence impact and usage analysis on authoring process regarding staged release of engineering data.
Major Utility	Technical Architect	NextJS application framework adaption to legacy reports integrated to IBM Maximo asset management
Major Finance	Release Engineer	Adobe Cloud delivery code signing and functional delivery validation between on-premise and Adobe IO runtime environments
Major Utility	Release Engineer	Develop Azure pipelines, supporting Wiki, ReactJS troubleshooting, deployment hardening, Scrum Master and Business analyst.
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.

Education

- Bachelor of Science in Integrated Leadership, Central Michigan University, 2014

Professional Training/Certifications

- Microsoft
 - AI Security Controls, September 2024

- AI Security Fundamentals, September 2024
- Introduction to AI Security Testing, September 2024
- Fundamentals of AI security, September 2024
- Understanding Microsoft Entra ID, September 2024
- Adobe
 - Adobe Certified Expert - Adobe Experience Manager Dev/Ops Engineer, June 2020
 - Adobe Experience Manager (AEM) 6.1 Certifications (multiple), 2017
- Scaled Agile
 - [Certified SAFe 5 Scrum Master](#), January 2023
 - Certified SAFe 5 Agilist, January 2023
- Scrum Alliance
 - Scrum Foundations, September 2019
 - [Certified Scrum Master](#), August 2017
- Udemy
 - Next.js 14 & React - The Complete Guide, June 2024
 - Business Writing & Technical Writing Immersion, October 2022
 - Data Literacy for Business Professionals, October 2022
 - JIRA Crash Course: Agile Project Management; Bonus Confluence, September 2022
 - Build a Culture of Freedom and Responsibility by Patty McCord, August 2021
 - Creating Team Vision, Mission, and Values, August 2021
 - Effective Delegation for New Managers, August 2021
 - Managing Change: Learn to Thrive Through Change, August 2021
 - The Practical BPMN 2.0 Master Class, July 2021
 - Mastering Collaboration: Work together for the best results, June 2021
 - The Essential Guide for Effective Managers, June 2021
 - Career Navigator: A Manager's Guide to Career Development, April 2021
 - Getting Started With SharePoint Online, March 2021
- CloudBees
 - Certified Jenkins Engineer 2020, June 2020

Professional / Community Involvement

- Perficient
 - Bright Paths Program, 2021-2022
 - Detroit Foundry Team, 2021
- [Wheatland Music Organization](#)
 - Festival Volunteer, 20+ years
- [The Parade Company](#)
 - Americas Thanksgiving Day Parade (Detroit), 10+ years
 - Super Bowl XL Volunteer, February 2006
- [Detroit Grand Prix Association](#)
 - Track Services Volunteer, 7+ years
- Ford Motor Company

- Digital Worker Expert, November 2017
- I-Speak Personality Assessment
 - Favored conditions - Primary=Sensor, Backup=Intuitior
 - Stress conditions - Primary=(equal)Sensor and Thinker, Backup=(equal) Intuitior and Feeler

Experience

Perficient : *Technical Architect* : March 2016-Present

Perficient Client - Major Manufacturer : *Business Analyst* : Oct-2024-Dec-2024

Generative artificial intelligence impact and usage analysis on authoring process regarding staged release of engineering data.

Responsibilities:

- Business roles - Business Analyst
- Technology roles - Google Cloud Platform, AngularJS, Python, AI investigative
- Workflow tools - Miro Board, JIRA

Business/Technology Value:

- Identified opportunities for automation using internally developed AI LLM
- Provided insights into Microsoft Copilot for Development vs Microsoft Copilot for Office365 data usage differences

Perficient Client - Major Utility : *Technical Architect* : Apr-2024-Aug-2024

Security analysis and configuration porting assessments to enable continued use of legacy reports integrated into multiple enterprise systems.

Responsibilities:

- Business roles - Agile Development Team member
- Technology roles - Next.js/NodeJS v20 application framework integration
- Workflow tools - Azure DevOps

Business/Technology Value:

- Implemented Next-Auth Single-Sign On via Next-Auth/AuthJS5
- Utilized the latest version of NodeJS and AuthJS for browser security
- Employed ReactJS Server-Side-Rendering/Client-Side-Rendering to limit data access
- Identified upcoming architecture integration points

Perficient Client - Major Finance : *Release Engineer* : Oct-2023-Dec-2023

Gitlab on-premises solution integrated into Adobe Cloud runtime.

Responsibilities:

- Business roles – Agile Development Team member
- Technology roles – Gitlab Integration, GitHub Integration, Adobe Cloud Integration
- Workflow tools – Azure DevOps, Insomnia Test Tool

Business/Technology Value:

- Utilized the latest version of Adobe Cloud
- Employed Gnu Privacy Guard code-signing
- Verified and validated security related to code availability

Perficient Client - Major Utility : *Release Engineer* : Apr-2023-Sept-2023

Azure infrastructure-as-code using Bicep templates to support solution development and delivery using Azure LogicApps, ReactJS, ArcGIS Enterprise, and Cosmos DB.

Responsibilities:

- Business roles – Scrum Master, Business Analyst
- Technology roles – Infrastructure Lead, Release Engineer, Site Reliability Engineer
- Workflow tools – Azure DevOps, SharePoint, Office365

Business/Technology Value:

- Utilized the latest version of ArcGIS Enterprise
- Leveraged Azure Cloud hosting
- Conducted Internet of Things (IoT) geographical analysis of device health and troubleshooting

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

Business analyst assisting big data analytics modeling 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:

- Facilitated and defined requirements gathering
- Achieved infrastructure cost savings through big data hosting platform shift
- Ensured long-term architectural data governance alignment
- Maintained compliance with business-controlled access utilization while reconciling validated data
- Improved access to managed operational cost and performance growth on the updated platform

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

[Bright Paths Program](#)

Colleague onboarding to multiple secured development environments including TFS/Azure DevOps, 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:

- Managed information and access for new colleagues
- Improved usage of multiple collaboration tools

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. Assisted, delegated, and troubleshooted on-boarding to multiple DevOps delivery systems incorporating various Java, JavaScript, and Jenkins with Azure DevOps tooling utilization and exposures. Operated as initial scrum master and promoted 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:

- Facilitated colleague growth and improvement
- Reinforced and evolved process and technology
- Invested in STEM culture community
- Enhanced marketing and brand exposure
- Promoted strategic growth through people and technology investment

Perficient Client - Major Manufacturing : *AEM DevOps Engineer* : Oct-2020-Jan-2021

Analyzed and integrated multiple site configurations to advise promoting development operations release train transition and management to DevOps right and left shift deployment strategies. OpenShift 3 and OpenShift 4 Apache on-premises and cloud-based deployment migrations from IBM HTTP Server cluster configuration. Multiple configuration and firewall negotiation troubleshooting.

Responsibilities:

- Multiple technology roles – AEM 6.5, Linux Admin, OpenShift, HTTP Server
- Apache on AWS - Site and Configuration Management
- Akamai CDN site properties
- Infrastructure feature tooling and migration delivery

Business/Technology Value:

- Improved site configuration deployment processes
- Enhanced security hardening and mitigation methods
- Improved product information management catalogue integration performance
- Ensured smooth transition between IBM HTTP and Apache version upgrade
- Facilitated DevOps adoption and integration discussions with client architects

References available upon request or may be reviewed at [LinkedIn - Bob Kranson](#)