Aaron Daberkow

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Detail oriented, experienced software developer and cloud engineer who loves to continuously learn new skills and technical stacks. I have experience writing highly available, scalable code and infrastructure for several large enterprises in the transportation, healthcare, and insurance industries. I have a specialization in cloud architecture and DevOps at scale to improve the process of deploying and maintaining applications.

TECHNICAL SKILLS

Languages:	Java, JavaScript, Typescript, Go, Groovy, Elixir, Python
Frameworks:	Spring MVC, REST, Ajax, Spring Boot, SOAP, WSDL, Kafka, JMS, Wicket, Swing
Web:	Angular, React/Redux, jQuery, HTML5, CSS, Sass, GraphQL, Mulesoft
Hosting:	Weblogic, Tomcat, IIS, Docker, Nginx, Heroku, AWS EC2, ECS, Kubernetes, Azure VMs
Methodologies:	Agile, Scrum, Kanban, TDD, CI/CD
Build Tools:	Maven, Ant, Webpack, Babel, Gradle, Cloudformation, AWS CDK, Terraform, Ansible, ARM Templates
Databases:	Oracle SQL, DynamoDB, Teradata, Firebase, AWS RDS, Cassandra, Informix, MongoDB, PostgreSQL
Testing:	Jest, Junit, Cucumber, Spock
Versioning:	Git, GitHub, SVN, Bitbucket

Certifications

AWS Certified Developer - Associate (DVA-C01)
AWS Certified DevOps Engineer – Professional (DOP-C01)
HashiCorp Certified: Terraform Associate (002)
Certified Kubernetes Administrator (CKA)

PROFESSIONAL EXPERIENCE

Daberkow Development LLC
President/Senior Consultant   **4/2021 to present**

   Mutual of Omaha (Enterprise Business Platform)   **4/2021 – 12/2022**

- Architected transition of admin systems to custom enterprise CDK framework

- Coordinated cross account migration of systems during departmental restructuring

- Filled Solution Lead role with responsibilities including assigning task priority, system architecture, and mentoring of other developers

Object Partners Inc
Senior Consultant   **4/2019 to 4/2021**

   Mutual of Omaha (Enterprise Business Platform)   **1/2020 – 4/2021**

- Maintained and added features for the next generation insurance platform using containerized microservices and event driven architecture hosted on AWS

   Mutual of Omaha (Distribution Channel Management)   **8/2019 – 1/2020**

- Created the infrastructure and deployment pipeline to support the transformation of disability insurance compensation events between vendors

- Created CI/CD pipeline utilizing Jenkins with automated unit and integration tests

   Optum   **4/2019 – 8/2019**

- Modeled complex healthcare platform data using the avro schema format, data joiners, and transformers

- Joined raw kafka topics into a real time canonical data model to be used throughout the enterprise

Union Pacific   **6/2013 to 4/2019**
Senior Project Engineer (Voice Automation)

- Designed and implemented web portals for internal and external consumption utilizing React/Redux

- Developed and maintained IVR applications for the enterprise

- Worked closely with call center managers to implement telephony solutions to increase automation and drive productivity

- Collaborated with the infrastructure team to design and implement complex call routing on the PBX

- Participated in Agile development using 2 weeks sprints, test driven development, and standard code review practice

- Created a suite of REST and XMF services used by the enterprise to leverage telephony, SMS, and other contact center related functions

National Science Foundation   **5/2012 to 5/2013**
Research Scholar

- Worked with programmable logic controllers (PLCs) to create mock infrastructure used for security testing

- Researched and tested security risks with supervisory control and data acquisition (SCADA) infrastructure

- Implemented ladder logic programming to interface with analog water level readers and digital valves to control a scale water treatment plant

Creighton Medical Center   **1/2012 to 6/2012**
Developer

- Provided technical solutions to improve the workflow of the lab workers in the diabetes research wing of the hospital

- Created an application using optical character recognition and dynamic fuzzy sort logic on keywords to automatically sort lab faxes into predefined destinations

EDUCATION

University of Nebraska Lincoln
- Degree: Bachelor of Science
- Major: Computer Engineering
- Minor: Mathematics