KUMAR DAHAL

Aurora, CO 80011| 720.352.3978

Kumar.dahal@outlook.com

https://www.linkedin.com/in/kumar-dahal/

https://lnkd.in/g8PYxpjR

CAREER SUMMARY

Multi-Cloud Architect • Sr. DevOps Automation Engineer • DevOps/Product Manager

Highly motivated, results-oriented, and innovative with broad software development and multi-faceted expertise in architecting, identifying, developing, and executing cost-effective, technologically advanced software and solutions to meet challenging multinational business demands. *Conceptualized* designed, implemented, and assess *multi-cloud concepts architecture for enterprise* businesses. *Exposure* in cyber-security architecture, network, software & security. *Shrewd communicator and negotiator,* with proven ability to gain cooperation and build consensus among diverse groups with conflicting business objectives to successfully achieve win/win outcomes. *Participative leadership and management style,* encouraging collaboration toward the common goal.

- *Implemented cloud architect to automation and orchestrated multi-cloud applications* along with the cloud computing reference model, and cloud governance life cycle for building cloudOps frameworks.
- *Implemented infrastructure environment,* to migrate all the application and databases using industry leading tools, utilization, and methodologies.
- *Enhanced multi-cloud deliverables,* managed cloud with consistency and integrated apps and data across environments and built cloud-agnostic application delivered framework
- *Drove microservice architecture with container support* for workload deployment on multi-cloud.
- *Implemented multi-cloud deployment solutions and architecture,* Identified the critical security challenges when using multiple cloud providers.

AREAS OF EXPERTISE

- Excellent Communication
- Technical Analytical Skills
- Business Research Skills
- Interpersonal Skills
- `Strategic Vision Skills

- Analytical problem-solver
- Marketing Strategic
- Go-To-Market Skills
- Possess the ability to lead, mentor and influence people

- Prioritization Skills
- Presentation skills
- Excellent interpersonal
- E-Commerce
- E-Business

TECHNICAL EXPERTISE & CERTIFICATES

Engineering: DevOps Engineer, Cloud Engineer, CloudOps Engineer, Enterprise Cloud Architect

Cyber Security: CCSP, CISSP, SY0-601: CompTIA Security+, DevSecOps, HashiCorp Vault

Methodology: Agile, Kanban, Scrum, SAFe Team, SAFe DevOps,

Tools: Git, Jenkins, Docker Architecture, Kubernetes Architecture, HashiCorp Tools, Angular, Elastic Stack, SoarQube, Node.js, React, .Net Core, Ansible, Puppet, Chef, Red Hate, Nagios, Selenium, Salt Stack, Splunk

Language: HTML, JSON, XML, CSS, JavaScript, PHP, JAVA, C++ and Python.

Multi-Cloud: AWS: Master the AWS Well-Architected Framework, AWS Certified Solutions Architect – Associate, AWS DevOps Engineer Professional, AWS Essential Training for Architects. **GCP:** Google Cloud Architect - Cloud Design, Network Components, Web Applications & Name Resolution, Data Storage, Virtual Machine Deployment, Security, Virtual Machine Configuration, Monitoring & Logging, Programmatic Access, Identity Management, Solution Management & Testing, Troubleshooting, CLI Cloud Resource Management.

AZURE: Azure Architect Technologies Certification, Deploy and Manage Virtual Machines, Deploy and

Manage Virtual Machines, Configure and Manage Virtual Networks, Manage Identities, Implement and Manage Storage, Azure Serverless Computing, Load Balancers and Application Gateways, Implement and Manage Application Services, Docker on Azure, Developing CI/CD Solutions with Azure DevOps, Cosmos DB, Azure Essential Training for Developers, Azure Event Grid, AZ400, AZ300.

Network Infrastructure: NFV, SDN, SD-WAN, DPDK, MPLS, VOIP, TCP/IP, DNS, DHCP, VPN, IAS, DOCSIS. Network Architecture and design: Active Directory, Group policy, Terminal Services, Routing and Remote Access, wiring and cable terminations, Hardware based CPE (Intel and ARM).

PROFESSIONAL EXPERIENCE

ASRC Federal, Fort Collins, CO   **April-2021 – Present**
Delivers successful mission and elevates performance for federal civilian, defense, and intelligence agencies.
Sr. DevOps Engineer/Cloud Architect

Created, designed sustainable CI/CD automation for build, test, and deployment of enterprise web applications in .NET, JavaScript and JAVA. Supported, collaborated, and help others to understand the CI/CD automation functions, pipeline, and the principal practices. Defined and documented cloud solution architecture(s) including technical designs and diagrams. Designed and implemented cloud infrastructure solutions for distributed systems and applications. Preplanned cloud migration and cloud-native solutions. Automated complex operational tasks using common scripting utilities.

- *Advanced Experience with Continuous Integration / Continuous Delivery* system design using Jenkins.
- *Integration, deployment, and system administration support* of Apache / Tomcat Linux based applications
- *Strong understanding of Web Services and Service Oriented Architecture*
- *Execute standard procedures with a high degree of quality*
- *Excellent inter-personal skills* to be a superb teammate, and ability to contribute to a high-performing team
- *Document and communicate complex* information well using MS Office

Hotel Engine, Denver, CO   **Dec-2018 – Mar-2020**
Provides hotel-booking platform for enterprise clientele designed for business travel.
DevOps Product Manager Engineer - Enterprise

Responsible for maximizing the value through supporting, automating, and optimizing mission critical deployments in AWS, Azure and GCP, leveraging configuration management, CI/CD, and DevOps processes. Created and maintain fully automated CI/CD pipelines for code deployment using Tomcat Server and PowerShell. Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling. Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed. Implemented Kubernetes cluster AWS (EKS) to manage and orchestrated containers for scalability.

- *Automated finance system cut business costs by 35%,* increased productivity rates by 85%, and eliminated billing error 95%.
- *Developed and deployed hotel reservation* platform, API integration, and UX/UI design for enterprise.
- *Effectively negotiated sprint goal with the team by slashing 20% of the time* in a single quarter and was able to coordinate 95% of products roadmap completion.
- *Utilized Python* for inspecting, cleansing, transforming and modeling data.
- *Developed new API* integration application with JSON for communicating with centralized hotel API.

- *Utilized inventory management tool* such as Ansible and NetBox for provisioning, configuration management and application deployment.
- *Implemented testing environment for Kubernetes* and administrated the Kubernetes Clusters. Migrated on-site solutions to cloud-based offerings, such as Amazon's AWS.
- *Responsible to setup the execution of automated tests and development process* using version control System Git and to development Continuous Integration (CI) tools with Jenkins.
- *Utilized (IAST) solution to identify and manage security risks* associated with vulnerabilities in running web applications using dynamic testing techniques.

Chetu Inc., Plantation, FL   **Jan -2017 – Nov-2018**
Software Development Company provides tailored software solutions from industry specialized developers.
Agile Product Owner – Enterprise

Identified, designed, and executed product initiative plans to meet customer/user needs: product vision, roadmap, and requirements documentation. Lead development team to create goals and implementation strategies, which support vision and the mission. Owned measure and demonstrate progress towards goals with metrics created and tracked in partnership with leadership and analytics team.

- *Restructured over budgeted and error-plagued vehicle tracking and parking project* into a new innovative solution delivering on time and within the budget, estimated over-headed cost was $2.9M, cut-down to $1M at the completion receiving "Excellent Award" from the CEO.
- *Devised, developed and delivered vehicle tracking and agriculture GIS custom software* application for enterprise clientele.
- *Pioneered GIS in the agriculture* sector by designing interactive mapping system using custom GIS application to integrate into drone and unmanned aerial vehicles (UVA).
- *Utilized SAFe scale framework environment* and version control system reducing development time and increasing the rate of successful deployments.
- *Utilized Mongo DB* NoSQL database to create, read, update and delete documents data.
- *Used Kubernetes* to orchestrate the deployment, scaling and management of Docker containers.
- *Participated in the development and support of the testing program* aimed at supporting multiple testing efforts simultaneously

Electronics Row, Wheat ridge, CO   **Dec-2011 – Dec-2016**
Consumer electronics products manufacturer and corporate incentive program for corporation industry.
Product Development Manager

Lead and supported the Product Owners Community of Practice by facilitating collaboration of cross-organizational teams to establish, develop and roll out new and enhanced capabilities. Recognized as the "go to" leader and trusted advisor for product set. Work collaboratively with the team of Product Owners. Communicate value and status to various stakeholders and levels of management.

- *Conceptualized, built/developed e-commerce/business platform* for incentive programs launched, marketed, and maintained enhanced product features annual $8.6 million in revenue.
- *Responsible for product enhancement, market campaign, market research* and maintained solid proprietary responsible for increasing subscription, for incentive program throughout USA and Canada.
- *Led continuous improvement efforts* to develop interfaces in support of multiple databases, systems, and technologies including VMware, AWS and MS SQL.
- *Managed Docker orchestration* and Docker containerization using Kubernetes.
- *Utilized Gherkin Language* to develop Behavior Driven Testing.

Integra Telecom, Denver, CO   **Dec-2009 – Nov-2011**

Telecommunication infrastructure and Service Company
Manager, Enterprise Account Executive

Maintained strong relationship with c-level executives across all verticals, proactively maintain pipeline using our CRM, Salesforce, achieve and consistently exceed monthly sales goals. Developed skills necessary to transition into an enterprise sales manager role.

- ***Maintain sole responsibility for all sales and manage a $3.2 million*** territory throughout the USA.
- ***Serve in a consultative role to provide clients with custom designed hardware and software*** solutions and system Integration Company with its own line of distributed process control equipment.
- ***Wrote proposals, performed cash flow analyses,*** determine costs, and negotiate contracts, participated in panel building of systems that included a 5000-wired connection with 70 of the company's hardware devices.

MasTec Technology, Centennial, CO   **Dec-2006 – Nov-2009**
Infrastructure engineering and Construction Company
Technical Sales Consultant

Consultatively, sold A/V hardware, security surveillance, automation system, intercom technology and service to the commercial and residential constructions companies, developed and delivered technical presentations, product demo, prepared contract proposal, floor plans, bid estimation and SLA documentations.

- Consistently exceeded sales goal by an average of 150% ranked # 1 (Q2, Q3, and Q4 FY 06).
- Grew Denver area territory 12% within first 6 months for company with annualized sales of $3 million.
- Exceed industry average in profit generation: 10% in sales profit vs. industry average of 2% 7%.

Long Building Technologies, Englewood, CO   **Jan-2004 – Nov-2006**
Building integrator provide products and services in building automation and security solutions.
IT Network Administrator

Designed and constructed local area network and wide-area network connecting seven location offices to corporate headquarters. Oversaw setup of servers and desktop workstations. Recruited and trained network and desktop support technicians. Prepared budgets and managed expenses. Configured routers, firewalls, domain name services, e-mail, Web, and ftp services.

- Designed new systems application that provided Web-based monitoring of all telecommunications.
- Established technical infrastructure requirements, including voice communications, voice over IP, hardware/software applications, PBX, CMS, server applications, SQL database and Meeting Place.
- Analyzed costs resulting in reduction of $5M in redundant technology-related expenses.
- Identified significant drain on corporate budget, reduced expenses by 50% within 90 days.

EDUCATION
Bachelor, **Major Computer Science,** 1996 – Bhaktivedanta Gurukula International, Mathura, UP India
Information Technology, Diploma 1993 – Sri Dham Mayapur School, Nadia, WB India
High School, 1989 – Siddhartha Vanasthali Institute, Kathmandu, Nepal
Linked: https://www.linkedin.com/in/kumar-dahal/
Skillsoft: https://skillsoft.digitalbadges.skillsoft.com/profile/kumardahal695260/wallet