KUMAR DAHAL

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CAREER SUMMARY

DevOps/Product Manager • Agile Product Owner • Product Development Manager

Highly motivated, results-oriented, and innovative with broad software development exposure and multi-faceted expertise in identifying, developing and executing cost-effective, technologically advanced software and solutions to meet challenging multinational business demands. ***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.

- ***Demonstrated ability to analyze issues, expedites innovative solution,*** and built the type of consensus-driven environment, that contributed on time and on the budget for enterprise-scale products.
- ***Proven leadership and ownership of the design throughout the Software Development Life Cycle***, ensuring continued alignment to end-to-end designs, reviewing and approving component designs driven from the wider end-to-end design subsequently, delivering products anticipated needs of marketplace.
- ***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.
- ***Hands on experience*** in (QA) test driven development **(TDD),** Behavior driven development **(BDD)** and acceptance test driven development (**ATDD)** approaches.

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

Methodology: Agile, Scrum, SAFe, Kanban,

DevOps Engineering: DevOps, DevSecOps, Azure DevOps, AWS DevOps, Cloud DevOps, ITIL, Version control and CI/CD pipeline.

DevOps Tools: Jira, Jira Align, Confluence, Git Hub, Jenkins, Docker, Kubernetes, Ansible, Rad Hat, Puppet, Nagios, Chef, Selenium, and Tableau.

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

API Integration: API gateways, API management, Google Apigee, RESTful API, Swagger, OAuth/Open ID and Cloud service API.

Cloud Computing: AWS/GCP/Azure/ AWS Cloud Architecture, Native-cloud application, Data migration, Experience in delivery on demand, Test-build application, analyze data, Embed intelligent, Cloud/Hadoop implementation, Azure, AWS, and VMware. Working knowledge of Cloud-based deployment architecture activities. Participate in developing strategies to improve API development life cycle and governance processes. Support the development of virtualized APIs by creating sample API request/response messages. Experience with migration of data from On-Prem, hosted/cloud to AWS solutions.

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

CERTIFICATES

DevOps Engineer Certificate
DevOps for ITIL
DevSecOps Foundations
AWS DevOps Engineer
Cloud Developer
Master Cloud-Native Infrastructure with Kubernetes
Professional Scrum Product Owner I
CompTIA A+

PROFESSIONAL EXPERIENCE

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

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