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Summary

Experienced technology leader pivoting to cloud architecture, with over 12 years in engineering, product management, and DevOps. Proficient in modernizing cloud infrastructures, focusing on AWS services, serverless computing, and container orchestration. Demonstrated ability in leading technological transformations and aligning cloud architecture with business outcomes. Eager to apply deep AWS expertise in a role that crafts impactful SaaS solutions.

Core Competencies

- **Programming & Scripting**: Proficient in Python, Ruby, and Bash scripting, enabling automation of complex cloud infrastructure tasks.
- **Cloud Architecture & Infrastructure**: Expertise in AWS services, CI/CD workflows, Terraform, and serverless computing.
- **Containerization & Orchestration**: Skilled in Docker containerization and Kubernetes orchestration to enhance application scalability and deployment.
- **DevOps & CI/CD**: Skilled in automating deployment processes and implementing CI/CD pipelines using AWS CodePipeline, CodeBuild, Jenkins, and GitHub Actions.
- **Leadership & Project Management**: Proven track record in leading teams and managing large-scale projects, with a focus on agile methodologies and Scrum.
- **Monitoring and Logging:** Expertise in setting up comprehensive monitoring and logging frameworks using tools like Prometheus, Grafana, and ELK Stack to ensure high system availability and performance insights.
- **Incident Management:** Proficient in incident management and triage, with experience in creating response strategies.
- **Cost Optimization**: Demonstrated ability in reducing AWS costs and driving efficiency improvements.

Key Achievements

- **AWS Migration Leadership**: Led AWS migration effort at LinkLive, transitioning from three on-premises data centers and enhancing operational efficacy and driving towards FedRAMP compliance.
- **DevOps Implementations**: Established robust CI/CD pipelines, significantly improving deployment efficiency and automating processes across multiple roles.
- **Cost Reduction Initiatives**: Spearheaded cost optimization efforts at vMOX, achieving a 50% reduction in AWS invoices within three months. At LinkLive, analyzed resource utilization, rightsizing server provisioning reducing monthly costs by 45% across multiple regions and accounts.

Professional Experience

Director of Product Management at LinkLive   **Sept 2022 - Present**
- Spearheaded the design and implementation of a comprehensive CI/CD pipeline using AWS CodePipeline, CodeBuild, and ECS, removing completely manual deployment practices across 28 product stacks.
- Orchestrated the development and deployment of an AI-powered API suite on AWS EKS, employing Terraform and Kubernetes for scalable, infrastructure-as-code (IaC) management.

- Led the integration of Mongo Atlas into the cloud infrastructure, optimizing database management and deployment processes within AWS.
- Drove the productization of on-demand AWS stack deployments, streamlining infrastructure provisioning processes to enhance sales and demo capabilities.
  Instituted a rigorous unit testing framework into the Software Development Life Cycle (SDLC), leading to a 75% reduction in deployment delays and production bugs.

Director of Product Management at vMOX   **Jan 2017 – Sept 2022**
- Led a significant enterprise architecture modernization initiative, implementing event-driven microservices architecture for cloud-based SaaS products, leveraging AWS Kinesis for real-time data processing.
- Championed the containerization of legacy applications using Docker, enhancing deployment processes, and reducing complexity.
- Pioneered the adoption of Agile and Scrum methodologies, accelerating development cycles by 50% and enhancing team agility.
- Improved pipeline scaling by migrating from Jenkins with Gerrit to GitHub with GitHub Actions integration processes.

Director of Operations and Development at vMOX   **Jan 2014 – Jan 2017**
- Led the strategic transition of infrastructure from on-premises to AWS EC2, significantly improving scalability and operational efficiency.
- Oversaw the development and launch of a SaaS platform using Ruby on Rails, directly contributing to a 4,800% increase in revenue over three years.
- Implemented a serverless real-time event processing system using AWS Kinesis, enhancing customer experience through optimized notification mechanisms based on user activity patterns.

Manager of Operations and Development at vMOX   **Jun 2013 – Jan 2014**
- Implemented automated ETL functions via RESTful APIs and Ruby, improving data processing efficiency.
- Developed and integrated real-time data services with major carriers like Verizon & AT&T, enhancing customer alerting systems.

Additional Experience
- Senior Account Manager/Developer, vMOX, Jan 2013 – Jun 2013
- Business Analyst/Developer, vMOX, Mar 2011 – Jan 2013
- Internship, vMOX, Jan 2011 – Mar 2011

Education and Certifications
- **B.S. Information Technology,** Purdue University North Central, Westville, IN   **2014**
- **Certified Solutions Architect – Associate**, Amazon Web Services   **2017**
- **Certified SysOps Administrator – Associate**, Amazon Web Services   **2017**
- **Certified Scrum Product Owner**, Scrum Alliance   **2021**
- **Certified DevOps Engineer – Professional**, Amazon Web Services   **2023**
- **Certified Kubernetes Administrator (CKA),** Linux Foundation   **2023**

Patents

- **US Patent #10033879:** Mobile Device Usage Optimization - comprises the processes and methods by which vMOX delivered 40%+ cost reduction to the enterprise.
- **US Patent #10462306:** Application Usage Optimization – a forward-looking strategy recognizing the shift to application focused cost optimization, primarily in European markets.