

HIMANSHU JOSHI

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To Whom It May Concern,

With over five years of experience spanning cloud operations, DevOps engineering, software development, and data analytics, I have earned a reputation for transforming complex business requirements into secure, scalable, and highly available technology solutions. At Kingman Healthcare—an Arizona-based nonprofit hospital network generating approximately \$400 million in annual revenue—I lead digital transformation initiatives that combine modern cloud architecture with data-driven decision-making.

My technical toolkit includes AWS, Kubernetes, Docker, Terraform, Python, SQL, Git, and CI/CD platforms, and I hold certifications including AWS Solutions Architect Associate, AWS Developer Associate, HashiCorp Terraform Associate, and Certified Kubernetes Administrator.

Proven Technical Impact

- **Cloud & Infrastructure:** Designed and automated multi-account AWS landing zones and refactored monolithic services into containerized microservices orchestrated with EKS. This reduced deployment lead times from days to under 15 minutes and cut infrastructure costs by 35% through right-sizing, auto-scaling, and spot instance strategies.
- **DevOps & Reliability Engineering:** Developed CI/CD pipelines (GitHub Actions → Argo CD → Kubernetes) with integrated testing, security scanning, and blue/green deployment strategies—achieving 99.99% service availability across 1,600+ workloads and eliminating manual deployment errors.
- **Data & Analytics:** Created interactive Tableau and Power BI dashboards that replaced weekly manual spreadsheet reporting with real-time, self-service insights, reducing analyst workload by 70%. Led a machine learning initiative to predict patient payment default risk, saving the hospital an estimated \$800,000 annually in bad debt write-offs.
- **Security & Compliance:** Integrated AWS Secrets Manager with Terraform to automate credential rotation and ensure HIPAA compliance. Conducted vulnerability management and implemented infrastructure-as-code guardrails, resulting in a zero critical-findings audit.
- **Business Analysis & Stakeholder Engagement:** Convert clinical, financial, and operational needs into actionable user stories, acceptance criteria, and technical designs. Facilitate cross-functional workshops with clinicians, finance teams, and engineers to ensure solutions drive measurable improvements in KPIs such as time-to-treatment and revenue cycle velocity.

What I Bring to Your Team

1. **End-to-End Ownership:** I take full accountability from whiteboard architecture to production deployment, monitoring, and continuous improvement.
2. **Full-Stack Perspective:** With hands-on experience across infrastructure, application development, data pipelines, and BI tools, I ensure cohesive systems over fragmented fixes.
3. **Quantifiable Results:** I define project success through metrics—uptime, latency, cost savings, and revenue impact—and follow up with post-implementation reviews.
4. **Effective Communication & Mentorship:** I simplify complex technical concepts for executive stakeholders, mentor junior engineers, and promote documentation and knowledge sharing.
5. **Continuous Learning:** Beyond my M.S. in Information Systems Management (Data Analytics & AI) from Arizona State University, I stay current with emerging technologies, including GitOps, AWS Graviton cost optimization, and LLM-based data quality tools.

A Catalyst for Innovation and Reliability

Whether you're looking to secure your cloud infrastructure, modernize legacy systems, extract value from operational data, or build a high-performing DevOps culture, I bring a multidisciplinary approach that delivers impact from day one. I'm equally comfortable optimizing PostgreSQL queries, debugging Terraform state, designing event-driven microservices, or presenting technical ROI to executive leadership. My mission is simple: deliver resilient technology that drives strategic goals while enabling teams to operate efficiently and innovatively. Thank you for considering my application. I would welcome the opportunity to further discuss how I can contribute to your team's success.

Sincerely,

Himanshu Joshi