

HIMANSHU JOSHI

602-373-6335

hjoshi25@asu.edu

Las Vegas, Nevada 89102

[LinkedIn](#)

[Portfolio](#)

PROFESSIONAL SUMMARY

Seasoned DevOps expert with over 5 years of experience and a strong understanding of Business Analytics. Skilled in streamlining IT operations and leveraging data-driven strategies to achieve success, **leading to a 15% increase in profits** through effective on-boarding of new projects and improved client retention.

EXPERIENCE

Business Application Analyst 3

Kingman Healthcare, Inc

11/2024-Present

Kingman, AZ, USA

- Analyzed **patient device usage data** across cardiology, oncology, and orthopedics and visualized trends in MicroStrategy, reducing bad debt by 18%.
- Built **homeless patient billing report** to guide write-off reduction strategies, increasing Q4 revenue by \$1M.
- Created **backup strategies and CI/CD pipelines for SQL SSRS** with Git, eliminating manual upload errors and saving 100% deployment time.
- Automated **IT security policy monitoring**, ensuring 100% compliance and reducing incident response time by 40%.
- Revamped NPI and State License Verification for all providers specialties with bash scripts, achieving a **100% reduction in manual verification efforts**.

Data Science Volunteer

Learning Engineering Institute, Arizona State University

06/2024-11/2024

Tempe, AZ, USA

- Designed interactive visualizations for classroom data, reducing analysis time by **70%**.
- Optimized datasets by merging and cleaning, boosting processing efficiency by **85%**.

DevOps Engineer

Avizva Solutions

05/2022-05/2023

Gurugram, HR, India

- Automated ETL processes into Amazon Redshift using AWS Glue, **improving data processing speed by 30%**.
- Tested rigorously and engineered over **15** system designs and applications, **achieving 99.9% operational stability**.
- Bolstered customer retention rates and augmented incoming portfolio billing by **30%**, **increasing overall revenue by \$1 million** for FY23.
- Coordinated with the sales team and spearheaded ML Ops on service usage data, **resulting in 98% customer retention and adding 15 new customers**.
- Provided comprehensive workflow knowledge to **5 newly onboarded team members**, ensuring a smooth transition.

Cloud Operation Engineer

BlazeClan Technologies

06/2019-05/2022

Pune, MH, India

- Streamlined access through centralized sign-ups by executing AWS SSO, **migrating 16000 users using AWS ADFS with 100% precision**.
- Reduced ERP deployment time by **85%** by optimizing cloud service workflows with IaC using Terraform and DevOps services.
- Transformed a monolithic framework into a resilient microservices infrastructure, **increasing revenue by 20%** while keeping the business unaffected.
- Overhauled maintenance tasks for **1600 OS servers with BigFix**, **reducing the time required by 200 hours to just 1 hour**.
- Improved the SDLC by implementing version control, **CI/CD** procedures, and several ITSM tools, **eliminating the chance of manual error**.

SKILLS

- Scripting and Tools:** MySQL, PostgreSQL, Ansible, AWS CLI, **Bash, Python**, LAMP.
- AWS Cloud:** CloudFront, ElasticBeanstalk, Route53, SNS, SQS, API Gateway, RDS, DynamoDB, DocumentDB, **IAM, VPC, S3, Lambda, ECS**.
- DevOps Tools:** Azure DevOps, ArgoCD, Chef, Puppet, Prometheus **Kubernetes, Docker, Jenkins, Terraform**.
- Protocols and Services:** SSL, Load Balancing, TCP/IP, UDP, Apache Tomcat, NGINX, HTTPD, REST, GET, POST, PUT.
- Administration:** Cloud Operations, Configuration Management, RCA, Architecture Optimization, High Availability.

ACADEMIC PROJECTS

- Visualized global happiness dataset in Tableau and fetched key insights from various factors leading to prosper billions of lives worldwide.
- Predicted EMI defaulters for BestCard, **saving \$800k annual losses and increasing \$2 million revenue** by usage of various ML Ops algorithm.
- Ran NLP analysis on discussion forum on Reddit, to recommend a possible Anime themes from Manga's, **estimating 27% surge in platform subscriptions**.
- Published a research paper in [IJRASET](#) showcasing fauna disease prediction with an impressive efficiency rate of **96.3%**.
- Authored a journal in [IJCRT](#) on advanced bio-metric integration, resulting in significant reduction in financial frauds.

EDUCATION

Arizona State University - WP Carey School of Business

Master of Science - MS, Information System Management

08/2023-07/2024

Tempe, AZ, USA

University of Pune

Bachelors of Engineering - BE, Computer Science

08/2015-07/2019

Pune, MH, India

ADDITIONAL INFORMATION

- Certifications:** [AWS Solution Architect Associate](#), [AWS Developer Associate](#), [HashiCorp Terraform Associate](#), [EDX Python](#), [Google Analytics Individual Qualification](#), [Google Analytics](#), [OCI Certified AI](#), [OCI Foundation Associate](#), [OCI Sunbird Ed Specialty](#), [Scrum Foundation](#), [Business Intelligence Foundation](#), [Certified Kubernetes Administrator](#).
- Awards:** Graduate ISM International Aid, 5 Times "You Made Difference Award" (BlazeClan), PMO scholarship scheme (Undergrad's), RSTMS Grant.