HIMANSHU JOSHI

602-373-6335 **hjoshi25@asu.edu** LasVegas, Nevada 89102 [LinkedIn](#) [Portfolio](#)

PROFESSIONAL SUMMARY

Seasoned DevOps expert with over 4 years of experience and a strong understanding of Business and Data Analytics. Skilled in streamlining IT operations and leveraging data-driven strategies to achieve business success, **leading to a 15% increase in profits** through effective on-boarding of new projects and improved client retention.

EXPERIENCE

Business Application Analyst 3 **11/2024-Present**
Kingman Healthcare, Inc *Kingman, AZ, USA*

- Reduced **bad debt** by **18%** and lifted Q4 **revenue** by **$1M** by building clean **SQL** views, **linear** models, and publishing to **Clinical Analytics** dashboards.
- Forecasted **charity and write off** with **time series regression**, achieved **8%**, enabled **Finance** to act earlier with auto refresh alerts and lower write offs.
- Predicted **device utilization** using **Linear regression** on census orders and staffing, published a daily **dashboard**, increased equipment use by **9–12%**.
- Implemented **GitHub CI/CD** for **SSRS** with approvals tagging backups and rollback, eliminated manual upload errors **0%** and halved release time.
- Led **UAT** for **Meditech** and **BI** upgrades, verified **roles** and **PHI masking**, documented fixes, delivered **go live** with no high risk issues.
- Trained analysts and clinicians on **role based dashboards** and a **KPI dictionary**, boosted adoption, cut ad hoc tickets, sped up rounding decisions.
- Stabilized **Communication Director** faxing with **health checks** structured **logs** and controlled **restart scripts**, reduced **MTTR** by **40%**.

Data Science Volunteer **06/2024-11/2024**
Learning Engineering Institute, Arizona State University *Tempe, AZ, USA*

- Prepossessed data to design interactive visualizations for classroom data, reducing analysis time by **70%**.

DevOps Engineer **05/2022-05/2023**
Avizva Solutions *Gurugram, HR, India*

- Automated ETL processes into Amazon Redshift using AWS Glue, **improving data processing speed by 30%**.
- Achieved **100% resource scaling accuracy** by executing predictive analytics with an Adaptive Boosting algorithm on AWS Analytics service.
- Increased overall revenue by **$1 million** for FY23 by bolstering customer retention rates and augmenting incoming portfolio billing by **30%**.
- Coordinated with the sales team and led ML Ops on service usage data, **resulting in 98% customer retention and adding 15 new customers**.
- Equipped **5 newly onboarded team members** with comprehensive workflow knowledge, **ensuring a smooth transition**.

Cloud Operation Engineer **06/2019-05/2022**
BlazeClan Technologies *Pune, MH, India*

- Streamlined access by implementing 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.
- Deminished maintenance time by **200 hours** to just **1 hour** by streamlining tasks for **1600 OS servers with BigFix**.
- Eliminated the chance of manual error by improving the SDLC with version control, CI/CD procedures, and various ITSM tools.

SKILLS

- **Language and Dev Tools:** Python, MySQL, mParticle, Power BI, mParticle, Looker, Hex, MixPanel, Airflow, Fivetran, dbt, AWS MS Kafka.
- **AWS Cloud:** Kenesis, Redshift, Elastic Cache, CloudFront, ElasticBeanstalk, Step Function, Lambda, API Gateway, RDS, Dynamo DB, S3, CloudFront.
- **Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, OpenCV, Ggplot2, Seaborn.
- **Data Analytics and ML:** Transformation, Statistics, Experimentation and A/B testing, Feature Exploration, Classification, Regression, Model Assessment.
- **Soft Competencies:** Leadership, Command, Dedication, Networking, Analytical Capabilities, Data-Driven Approach.

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

Harrisburg University of Science and Technology - College of Engineering and Technology **08/2025-Present**
Doctorate - PhD, Information System and Engineering Management *Harrisburg, PA, USA*

Arizona State University - WP Carey School of Business **08/2023-07/2024**
Master of Science - MS, Information System Management *Tempe, AZ, USA*

University of Pune **08/2015-07/2019**
Bachelors of Engineering - BE, Computer Science *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.