

SHLOKA LAKKA

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PROFESSIONAL PROFILE

Results-driven data analyst with expertise in transforming complex data into actionable insights. Skilled in Python, SQL, and data visualization with proven experience optimizing processes and reducing costs. Combines technical abilities with excellent communication skills to translate analytical findings for diverse stakeholders.

PROFESSIONAL EXPERIENCE

NatWest Group, Bangalore — Data & Analytics Engineer (Jul 2022 - Jul 2024)

- Automated QA testing processes using SQL and Selenium, reducing testing time by 30%
- Optimized GCP workflows for financial data processing, resulting in 20% cost reduction
- Developed real-time monitoring dashboards tracking 10,000+ daily transactions
- Led cross-functional collaboration to build internal analytics tools improving reporting efficiency by 25%
- Mapped key data elements (KDEs) and implemented data profiling rules to reduce errors in financial reports

Grant Thornton, Bangalore — Data Solutions Intern (Jan 2022 - Apr 2022)

- Engineered reusable data visualization components improving developer efficiency by 70%
- Gathered client requirements and translated them into technical specifications for data reporting solutions

EDUCATION

Johns Hopkins University, Washington, DC

MS in Information Systems & AI (Expected Aug 2025)- Developing predictive models using AWS SageMaker and evaluating model interpretability.

PES University, Bangalore, India

B.Tech in Computer Science (Machine Intelligence & Data Science) (Jun 2022)

KEY PROJECTS

Predictive Salary Analysis

- Applied ridge regression to predict salary ranges with 89% accuracy on Indeed dataset
- Created interactive visualizations to explain model predictions to non-technical stakeholders

Twitter Sentiment Analysis Engine

- Built NLP pipeline to classify sentiment from 50,000+ tweets using AWS and Hive with 92% accuracy
- Deployed solution as a scalable API service for real-time sentiment monitoring

FIFA18 Interactive Dashboard

- Designed Tableau visualizations analyzing player performance metrics and market trends
- Created executive summary dashboard reducing reporting time by 40%

CERTIFICATIONS & RECOGNITION

- In progress: AWS Data Engineering Certificate (Expected: Jun 2025)
- Google Cloud Bootcamp (Top 300 in APAC)
- 12th Place – ISFCR CTF Hackathon (100+ teams)

IEEE Paper Presenter: GNNs for Signed English Recognition (97% accuracy)
Best UI Design award – Space Microblogging App (Figma + Flutter)
Distinction Award (4th Semester) out of 1000 CS Students