Kishore Kumar S S

+91 95661 76890 | kishorekumarsskh@gmail.com | linkedin.com/in/kishore-kumar-ss-8082ab27b |
github.com/KISHORE1612AI

EDUCATION

Vellore Institute of Technology (VIT)   Vellore, India
B.Tech, Computer Science & Engineering (Sep 2022 – Jul 2026)   *CGPA: 8.18/10*

EXPERIENCE

Developer Intern   May 2025 – Jun 2025
Muthoot Fincorp Ltd. (BankOps)   *Chennai, India*
- Implemented a secure, role-based BankOps portal using Java, Spring Boot, Spring Security, and JWT; optimized REST API queries to reduce latency by 24% and enhance transaction throughput.
- Enhanced audit-log reliability by 30% through structured logging and reproducible exports for compliance; collaborated with auditors to generate comprehensive logs.

Database & AI/ML Intern   Sep 2025 – Dec 2025
GloballyGi Experiences Pvt. Ltd. (i-Plate)   *Remote*
- Designed modular data pipelines and validation schemas (Python, pandas, CVAT) to integrate ML models into production; increased dataset validation coverage by 35% and accelerated evaluation by 50%.
- Built Streamlit dashboards and led iterative error analysis with SHAP/LIME, correcting labels to boost model recall by 12%.
- Coordinated cross-functional data contracts and validation SLAs across product, data-ops, and engineering teams to ensure reproducible AI deployments.

PROJECTS

Advanced Diabetes Prediction System | *Python, XGBoost, SHAP/LIME, Streamlit*
- Developed an explainable diabetes risk prediction pipeline using XGBoost; implemented cluster-aware KNN imputation (scikit-learn) to reduce RMSE by 66% vs mean baseline.
- Created an interactive Streamlit app to deliver patient-level risk scores and SHAP/LIME-based explanations; used interpretability insights to correct mislabeled data and boost recall.

Context-Aware Infrastructure-as-Prompt (IaP) | *FastAPI, AWS, ChromaDB, Ollama*
- Built a conversational infrastructure manager (FastAPI) with retrieval-augmented memory (ChromaDB, Ollama embeddings) for AWS Cloud Control API; implemented semantic recall to merge context and streamline cloud actions.
- Integrated natural-language execution to drive AWS infrastructure changes via intent, enhancing developer productivity and reducing repeated configuration steps.

BankOps Portal (Full-Stack System Design) | *Java, Spring Boot, MySQL, JWT*
- Architected the BankOps Portal system with Java and Spring Boot, enabling multi-role authorization and secure RESTful endpoints; ensured robust error handling and audit trails.
- Optimized system performance and logging; improved throughput and provided structured audit exports for compliance reviews.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, SQL
Frameworks: Spring Boot, Node.js, React, Next.js
Libraries: XGBoost, scikit-learn, pandas, NumPy, SHAP, LIME, Streamlit, TensorFlow
Databases: MySQL, MongoDB
Cloud & DevOps: AWS, Docker, Git, Linux, CI/CD, REST APIs