Surya Kiran M

reachout.suryakiran@gmail.com | 7898091545 | LinkedIn | GitHub | Bengaluru, India

WORK EXPERIENCE

Motorola Solutions, *Software Engineering Intern* Jun 2024 – Jul 2024 | Bengaluru, India

IDAP - Web Sanity Automation

- Implemented **automated Health Checks and Error Logging** using **Python**, increasing system readability and speeding up **error detection by 30%**.
- Developed **Python scripts** to populate **100% of whisper files** present in **Hadoop Containers**.
- Created **Grafana Dashboards** using **Graphite QL** to monitor **Time-Series DataBase** and enhanced Key Metrics **(KCIs) visibility by 15%**.

Jindal Steel and Power Ltd., *Data Analyst Intern* Jul 2023 – Jul 2023 | Raigarh, India

Business Intelligence Tools – Automating Reports

- Developed dashboards using **Qlik Sense BI**, increasing **20% in user engagement.**
- Presented **Key performance indicators (KPIs)** and Data trends in the reports and dashboards, enhancing accessibility to **critical information by 15%.**
- Crafted interactive charts and graphs, resulting in a **15% improvement in understanding.**
- Utilized data science fundamentals for time series analysis and forecasting, achieving a **90% accuracy rate** with **ARIMA and SARIMA models.**

Boston IT Solutions, *Python Developer Intern* Jul 2023 – Jul 2023 | Remote, India

Social Media Analytics Dashboard

- Contributed and Led a team of 5 in the developing **social media analytics dashboard.**
- Ensured **95% smooth collaboration** and **communication** throughout the project by coordinating among team members.
- Analyzed LinkedIn trends using **Plotly and Python**, achieving a **20% increase** in insights.

SKILLS

- Languages: Java, C, Python, C#.
- Technologies: Linux, JavaFX, Visual Studio.
- Other: Software Engineering, MySQL, Data Structures and Algorithms, Object-Oriented Programming

(OOPs), Database Systems, Operating Systems, Computer Networks, Artificial Intelligence, Machine Learning, Computer Vision, Data Analysis, Qlik Sense BI, HTML, CSS, Power BI, SQL, Tableau, ASP.NET, MS-Excel.

EDUCATION

Manipal Institute of Technology, Oct 2021 – Nov 2025 | Bengaluru, India

Bachelors in Technology (*B.Tech*) *- Computer Science and Engineering*

CGPA: 8.1

PROJECTS

Medicine Management 🔗

- Engineered a mock **Pharmaceutical Website** project that interacts with users and **verifies login credentials**, achieving a **95% accuracy rate** in authentication processes.
- Implemented a **CRUD** system that allowed adding, modifying, and deleting personal details, improved data accuracy, reduced manual data entry errors by 15%, and enabled users to perform **10+ actions.**
- Utilized **Django and SQLAlchemy** in the Backend.

Image Processing 🔗

- Created a **100% Java-based** image processing application that **detects** Edges in an Image.
- **Grayscale & Edge Detection**: Achieved **15% and 20% boosts** in accuracy, respectively.
- Enhanced **noise reduction by 30%** through **Sobel edge detection** in the project.
- **Edge Detection and Grayscale Conversion**: Convert images to **100% grayscale** and detect edges using the Sobel operator.

CERTIFICATES

Operating Systems and You 🔗 **TCP/IP and Advanced Topics** 🔗 **Advanced MySQL Proficiency** 🔗
Google University of Colorado HackerRank