

# Surya Kiran M

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## WORK EXPERIENCE

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### Data Analyst Intern

Jindal Steel and Power Ltd.

Jul 2023 – Jul 2023

Raigarh, India

#### Business Intelligence Tools – Automating Reports

- Developed visually appealing dashboards using **Qlik Sense BI** dashboards, contributing to a **20% increase in user engagement**.
- Presented **Key performance indicators (KPIs)** and **Data trends** in the reports and dashboards.
- Crafted **interactive charts and graphs**, resulting in a **15% improvement** in stakeholder understanding.
- Developed **visualizations** and **KPI dashboards**, enhancing accessibility to **critical information by 15%**.

### Python Development Intern

Boston IT Solutions

Jul 2023 - Jul 2023

Remote, India

#### Social Media Analytics Dashboard

- Contributed to a **live demo project** of a **social media analytics dashboard** for Boston IT Solutions with a team of **5 members**.
- Demonstrated exceptional teamwork, fostering a **95% smooth collaboration** throughout the project.
- Used **Plotly** and **Python** to analyze the data of recent trends following the **LinkedIn** platform.

### Summer Intern

Khelgully Pvt Ltd.

Jan 2022 - April 2022

Remote, India

- Assisted in **developing new strategies** and **processes** for the nearly **10% improvement** in the product.
- Coordinated and collated requests for the required resources across the business among **1 Lakh+ users**.
- Worked with a team of **5 members** to ensure a smooth experience among the **stakeholders**.

## TECHNOLOGIES AND LANGUAGES

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- Languages: Java, C, Python, HTML, CSS.
- Technologies: Linux, JavaFX
- Other: MySQL, Data Structures, Algorithms, Data Analysis, Qlik Sense BI, TensorFlow, AI/ML, OOPs.

## EDUCATION

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- **B.Tech. Computer Science and Engineering** - Manipal Institute of Technology, India. **2021 – 2025**
    - GPA: 8.2 / 10 **Grad. 2025**
  - **High School Diploma** – O.P. Jindal School, Raigarh, Chhattisgarh, India
    - Class 12<sup>th</sup> Percentage: 93.8%
    - Class 10<sup>th</sup> Percentage (CBSE): 95.4%
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## PROJECTS

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- **ATM INTERFACE** [\[LINK\]](#)
  - Created a **JavaFX** application. **100%** of the **code** is written in **Java**.
  - **Verifies** the **Credentials** from the **Database**.
  - This application works on **HashMap Data Structure**, providing **O(1)** searching **time complexity**.
  - After Successful login, the user can perform **7+ actions**.
  - Some features are **withdrawing**, **depositing** the balance, **Transferring** the amount to another user, and **viewing** transaction history.
  - More than **90% safe**, as all the **classes** and variables are declared **privately**.
- **MEDICINE MANAGEMENT** [\[LINK\]](#)
  - This project is a **mock** work of a **Pharmaceutical** Website that **interacts** with **users** and **verifies Login Credentials**.
  - The user can perform **10+ actions**.
  - Implemented a robust **CRUD system** allowing seamless **addition**, **modification**, and **deletion** of person **details**, significantly improving **data accuracy** and **reducing manual data entry errors by 15%**
  - Frontend consists of Bootstrap **HTML**, **CSS**, and **JavaScript**.
- **OPERATING SYSTEMS PROJECT** [\[LINK\]](#)
  - Engineered a **multitasking OS simulator** that efficiently handled **context** switching; decreased CPU idle time by **10%** and improved overall **system performance**
  - The project utilizes **JavaScript**, **HTML**, and **CSS**.
  - Efficient **context-switching** mechanism for seamless **multitasking**.

## CERTIFICATIONS

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- **Operating Systems and You: Becoming a Power User** [\[LINK\]](#)  
Issuer: - **Google**
  - **TCP/IP and Advanced Topics** [\[LINK\]](#)  
Issuer: - **University of Colorado**
  - **Advanced MySQL Proficiency** [\[LINK\]](#)  
Issuer: - **HackerRank**
  - **Certified Java Programming** [\[LINK\]](#)  
Issuer: - **HackerRank**
  - **Problem-Solving Skills** [\[LINK\]](#)  
Issuer: - **HackerRank**
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