

# MAHENDRA KUMAR P

## Data Analyst & Software Developer

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### Professional Summary

Results-driven Computer Science student with expertise in **data visualization**, **ETL processes**, and **dashboard development**. Built Power BI solutions that reduced manual work by 75% and recovered 20% market share. Proficient in SQL, Python, and modern web technologies with proven ability to transform raw data into actionable business insights.

### Technical Skills

**Data Analytics & Visualization:** Power BI, Advanced Excel, Tableau, ETL, Dashboard Development, Predictive Analytics

**Programming Languages:** SQL, Python, JavaScript, HTML, CSS

**Frameworks & Libraries:** React.js, Node.js, Express.js, Pandas, NumPy, Scikit-learn

**Database Management:** MySQL, Supabase, Data Warehousing

**Tools & Platforms:** GitHub, VS Code, Jupyter Notebook, Power Query, DAX

### Experience

#### Data Visualization Analyst - Virtual Internship

Aug 2025

Tata Consultancy Services (Forage)

Remote

- Created **executive-level dashboards** and data visualizations for TCS client presentations, improving decision-making speed by 25%
- Prepared strategic analysis frameworks and C-suite presentation materials for senior leadership meetings

#### Data Analytics Intern - Virtual Internship

Aug 2025

Deloitte Australia (Forage)

Remote

- Built interactive **Tableau dashboard** analyzing business performance metrics across multiple departments
- Applied forensic data analysis techniques using Excel, identifying critical patterns and anomalies in business data

### Key Projects

#### Revenue Insights Dashboard - Hospitality Domain | *Power BI, Excel*

2025

- Analyzed 3-month revenue data for declining hospitality company using **Power BI and advanced Excel**
- Delivered actionable insights through interactive dashboards, helping recover **20% market share** within 30 days

#### HR Analytics Dashboard | *Power BI, DAX, Power Query*

2025

- Automated HR reporting using **Power Query ETL processes** and DAX calculations for 100+ employees
- Reduced manual reporting time by **75% (3-4 hours daily)** through dashboard automation and real-time KPIs

#### HR Management System | *MySQL, PHP, HTML*

2024

- Developed full-stack HRMS with automated payroll, leave tracking, and MIS reporting for 200+ records
- Optimized SQL queries achieving **40% faster data retrieval** with secure role-based authentication

#### IoT Road Safety System | *GPS, Sensors, Real-time Analytics*

2024

- Built real-time IoT system using GPS and sensor fusion for proactive road hazard detection
- Implemented geofencing algorithms reducing accident response time by **30% in test scenarios**

### Awards & Recognition

- Silver Award** - INEX 2023 (India International Innovation & Invention Expo) for innovative technology solution
- 2nd Place** - Robotics Competition, Fluxus 2022 (IIT Indore Technical Festival)
- Top 5 Finalist** - Business Model & Pitching Event, IIT Jodhpur (2024)

Certifications

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- Hands-On React JS: Beginner to Expert - Udemy (2024)
- Natural Language Processing Fundamentals - Infosys SpringBoard (2024)

Education

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<b>Bachelor of Engineering - Computer Science</b>	<b>2022 – 2026</b>
<i>Sahyadri College of Engineering and Management</i>	<i>CGPA: 8.0/10</i>
<b>Pre-University Course (2nd PUC)</b>	<b>2022</b>
<i>Sri Vidyaniketan PU College</i>	<i>Percentage: 88.16%</i>
<b>Secondary Education (10th Standard)</b>	<b>2020</b>
<i>Smt. Donepoodi Sarojini Devi Eng. Medium High School</i>	<i>Percentage: 88.96%</i>

Additional Information

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**Languages:** English, Kannada, Telugu, Hindi