Akash J N

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OBJECTIVE

"A dedicated electronics student with a strong foundation in electrical engineering and a passion for technology. I am seeking opportunities that allow me to leverage my expertise in electronics for core engineering roles while also utilizing my IT skills in areas such as software development and networking. I am committed to contributing my technical knowledge, problem-solving abilities, and adaptability to excel in diverse roles and make a meaningful impact in the industry."

SKILLS & INTERESTS

- **Tools & Technologies:** Power BI, Excel, SQL, Python, DAX, Pivot Tables, Data Modelling
- **Programming:** Python, C, HTML, CSS, JavaScript, SQL
- **Other Skills:** Data Cleaning, Data Visualization, Dashboarding, Statistical Analysis
- **Soft Skills:** Problem Solving, Teamwork, Time Management, Quick Learning
- **Languages:** English, Hindi, Kannada, Tamil, Telugu.

WORK EXPERIENCE

Count AI Pvt Ltd Coimbatore, Tamil Nadu

R&D Engineer - Jan 2025 – Present

- Conducting product testing and introducing innovative solutions to resolve existing technical issues.
- Working with AI technology and Raspberry Pi to develop an automated system for detecting defects in fabric.
- Enhancing machine learning models to improve accuracy in defect detection and optimize system performance.

Validation & R&D Engineer (Joint Role) - Oct 2024 – Dec 2024

- Assisted in testing and troubleshooting AI-driven solutions for defect detection in fabric manufacturing.
- Worked on data annotation while simultaneously contributing to R&D efforts to improve product reliability.

Validation and Annotation Engineer - Jun 2024 – Dec 2024

• Performed data quality validation across customer feedback datasets

• Improved customer satisfaction metrics by identifying actionable trends (15% increase)

• Developed semi-automated scripts to streamline annotation and error-checking

Production Engineer Intern - Mar 2024 – May 2024

- Optimized production processes by implementing lean manufacturing techniques, resulting in a 15% increase in overall efficiency and a reduction of waste by 20%.
- Spearheaded the implementation of new safety protocols and training programs for the production team, leading to a 30% decrease in workplace incidents and injuries.
- Collaborated with cross-functional teams to streamline communication between departments, resulting in a 25% reduction in production delays and an increase in on-time delivery rates by 10%.

PROJECT EXPERIENCE

Data Analytics Projects

Ecommerce Performance Dashboard (2025) – Power BI

- Analysed performance of top e-commerce companies using 2025 sales data.
- Designed interactive dashboard with revenue, growth trends, and market segmentation.
- Used DAX measures, custom KPIs, and slicers to enhance decision-making.

Superstore Sales Dashboard – Power BI

- Developed dashboard to visualize regional sales, profit, and product category performance.
- Enabled cross-filtering, trend analysis, and KPI tracking through intuitive visuals.

Ticketing Analysis – Power BI

- Analysed ticket volume, resolution time, and issue categories of a company.
- Built drill-down views and applied conditional formatting to highlight operational bottlenecks.

US Superstore Sales Analysis – Excel Dashboard

- Cleaned and transformed raw sales data using Excel formulas.
- Created an interactive dashboard using PivotTables, slicers, and charts.
- Visualized KPIs for sales, profit, and product categories across regions.

Academic Project

Antenna Array Technology For 5G - Jan 2024 – May 2024

- Led the design and simulation of cutting-edge antenna technology for 5G networks, resulting in a 20% increase in signal strength and a 15% decrease in interference.
- Executed project management duties to oversee the development of an innovative antenna array system, leading to a reduction in equipment costs by 10% and an improvement in network coverage by 30%.
- Collaborated with cross-functional teams to integrate new antenna designs into existing infrastructure, optimizing network performance and achieving a 25% increase in data transmission speeds.

EDUCATION

Visvesvaraya Technological University   **Mysuru, Karnataka**

Bachelors in Engineering   **CGPA: 6.97**

Vidya Vikas Institute of Engineering and Technology   Graduation Date: May 2024

CERTIFICATES

Certificates link: [Certificates links](#)