

# VAIBHAV SINGH

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🌐 [Linkedin](#)

🐙 [Github](#)

[Portfolio](#)

## OBJECTIVE

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- Recent B.E. graduate in **Electrical Engineering** with a strong foundation in **Data Analytics** and **Frontend Development**. Proficient in tools like Python, SQL, Excel, Power BI, and frontend technologies such as HTML, CSS, and JavaScript. **Actively seeking a Data Analyst role and frontend role** where I can apply **analytical thinking and development skills** to derive insights and build intuitive data visualizations. Eager to grow into **Data Engineering** and explore advanced fields like **Machine Learning (ML)** and **Artificial Intelligence (AI)** to contribute to data-driven innovation and intelligent systems.

## TECHNICAL SKILLS

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**Languages:** Python, SQL, HTML, CSS, Javascript

**Technologies/Frameworks:** Reactjs, Chartjs, Power BI, MYSQL, NumPY, Pandas, Matplotlib, Seaborn

**Developer Tools:** Jupyter Notebook, JIRA, FIGMA, Power BI Desktop, Tableau Desktop,

## PROJECTS

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### Customer Churn Analysis Dashboard [↗](#)

- Increase tech support capacity for Fiber Optic customers and lower tech tickets **per customer to 0.5** Increase sale of **1 and 2 year contracts by 5 percent** each Yearly increase of automatic payments by 5 percent.
- Demographics Customer Account Information Services.Internet Service Type of contract Payment Method

### E-Commerce Sales Analysis Dashboard [↗](#)

- Developed an interactive **E-commerce Sales Dashboard** to analyze key **business metrics** including **total revenue, profit margin, top-selling products**, and regional sales performance.
- Reduced manual reporting **time by 60 percent through dynamic visuals** and real-time KPI tracking across product categories, customer segments, and order channels..

### Diversity And Inclusion Dashboard [↗](#)

- Designed an **interactive Diversity Inclusion (DI) Dashboard** to track **organizational equity metrics across departments**, locations, and job levels .
- Enabled **HR leadership to set actionable goals**, such as **increasing female representation** in leadership by **10 percent** and reducing gender pay gap **variance by 5 percent**.

### Credit Card Analysis Dashboard [↗](#)

- Built an interactive dashboard to monitor and **analyze credit card fraud risk**, enabling the early detection of suspicious patterns based on transaction behavior..
- Helped reduce **manual fraud investigation time by 40 percent** by **automating anomaly detection** visual cues and **flagging risk segments** based on thresholds.

### Personal Branding Portfolio website [↗](#)

- Developed a responsive and interactive **personal portfolio website using React.js** for dynamic component-based architecture.Styled the application using **Tailwind CSS for a modern**, utility-first and mobile-friendly UI design.
- Integrated Three.js to create 3D interactive elements**, enhancing the visual appeal and user engagement of the site.

## EDUCATION

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**SLIET, Sant Longowal Institute Of Engineering And Technology , PUNJAB**

*B.E - Electrical Engineering - CGPA - 7.35*

**2021 – 2025**

*Sangrur, Punjab*

## ACHIEVEMENT

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- Solved 200+ Python SQL problems on platforms like LeetCode, HackerRank, CodeChef
- Maintained 25+ repositories with well-documented data projects on github