

# JOBAYER MAHMUD

## Front-End Developer

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### Summary

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I've practical experience in building dynamic web applications using HTML, CSS, JavaScript and JavaScript. I've converted multiple Figma designs into responsive websites, added functionality with JavaScript, worked with APIs, and developed secure login systems with Firebase.

### Skills

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**Programming Languages:** JavaScript

**Frontend:** React.js, React Router, Tailwind CSS

**Backend Database:** Firebase, Node.js

**Tools:** Codeblocks, Git, Vs-code, Figma, npm, Chrome DevTools

**Deployment:** Firebase Hosting, GitHub Pages

**Analytical Abilities:** Analytical thinking in integrating APIs and managing dynamic data, Translating user requirements into efficient, functional web solutions, Data analysis and querying through APIs or Firebase

### Projects

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#### Customer Churn Analysis | *Python*

March 2025 – April 2025

- **Analyzed behavior of 7,043 telecom customers** to identify churn patterns based on tenure, contract type, and monthly charges.
- Engineered new features including contract type buckets and tenure bands to improve segmentation and insights.
- Generated 11 visualizations (histograms, box plots, heatmaps) to highlight churn-prone segments.
- Revealed that 38% of churned users were on monthly contracts with less than 3-month tenure—suggested early engagement strategies.

#### Sales Dashboard for Regional Performance | *SQL, Power BI*

February 2025 – March 2025

- Queried and joined 3 sales-related tables covering over 25,000 rows across 12 months and 5 regions using optimized SQL joins to create consistent, analysis-ready datasets.
- Built 10 dynamic measures and KPIs in Power BI to track regional sales, return trends, and product performance.
- Designed multipage dashboards with slicers and filters, helping stakeholders drill down by region, product category, and time.
- Detected a 14% sales drop post-festival in the South region. Later, the insight was used for a marketing recovery plan.

### Education

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#### B.Sc. in Physics

Graduation: 2028

*National University Of Bangladesh*