

# MEHEDI HASAN HRIDYOY

## Front-End Software Engineer

☎ +880-1863216882 ✉ [mehedi.hridoy101@gmail.com](mailto:mehedi.hridoy101@gmail.com) 🌐 [linkedin.com/in/mehedi-hridoy](https://linkedin.com/in/mehedi-hridoy)

### Summary

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Front-End Engineer passionate about building responsive, high-quality web applications using React, TypeScript, and Tailwind CSS with DaisyUI. Experienced in managing state, routing, and UI optimization, with practical deployment experience using Git/GitHub and cloud platforms. Familiar with backend integration using MySQL, Firebase, and RESTful APIs. Strong foundation in C++ and Python, with additional knowledge in machine learning and data-driven problem solving. Continuously learning DevOps and CI/CD practices to deliver efficient, reliable, and scalable software solutions.

### Skills

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**Programming & Development:** JavaScript (ES6+), TypeScript, HTML, CSS, React, Tailwind CSS, DaisyUI, Material UI, Node.js, Express.js, PHP (Laravel), Python (Basics), C++

**Database & Cloud:** MySQL, MongoDB, Firebase

**Version Control & Deployment:** Git, GitHub, CI/CD (Basics), Cloud Deployment (Render, Netlify, Vercel)

**Systems Knowledge:** Linux (Advanced user), Operating Systems, Computer Networking (Basics), System Design (Fundamentals)

**Collaboration & Leadership:** Team Collaboration, Project Ownership, Problem Solving, Attention to Detail, Task Management, Challenge Handling

### Experience

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#### Data Analyst Intern

April 2025 – June 2025

*Dataview Analytics (Remote)*

*Tools Used: Excel, SQL, Power BI*

- **Processed and standardized a dataset of over 1,00,000 rows** from multiple regions to support weekly analytics—enabled business teams to track KPIs across geography and time.
- Designed smart Excel templates embedded with lookup functions and pivot logic, **saving 40% reporting time across 4 departments.**
- Developed and maintained Power BI dashboards to visualize revenue trends, customer mix, and monthly performance—regularly used by managers and analysts across business units.
- Collaborated with 4 analysts and 2 senior managers to define and validate 6 KPIs, improving report reliability and strategic alignment.

### Projects

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#### EthniCart — Multi-Vendor E-commerce Platform | *Laravel, MySQL, Tailwind CSS*

2024

- Developed a **full-stack e-commerce application** with distinct roles for **Admin, Seller, and Buyer** using Laravel MVC architecture.
- Implemented **middleware, authentication, and hashed credentials** to ensure secure access and data protection.
- Built features for **product and seller management**, and environment-based configuration for secure deployment.
- Designed a **modern, scalable, and user-friendly UI** using Tailwind CSS.
- Addressed the **trust gap in online shopping** by building a direct producer-to-consumer model promoting authentic products.

#### Learnly — Mobile Productivity Application | *Flutter, Firebase, AI*

2024

- Built a **cross-platform mobile app** integrating productivity tools such as **Pomodoro timer, stopwatch, clock, and custom challenges.**
- Integrated a personalized **AI chatbot assistant** to support learning and productivity workflows.
- Implemented **Firebase backend services** for authentication and data storage.
- Designed an **engaging and distraction-free modern UI** for students and professionals.
- Delivered an all-in-one **deep work toolset** to enhance focus, progress tracking, and efficiency.

Awards & Certifications

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- **Google Data Analytics Certificate – Coursera (2024):** Completed 8 practical case studies involving SQL, data cleaning, dashboards, and presentations.
- **Top 5% in SQL Hackerrank Challenge – 2024:** Ranked among top 150 out of more than 3,000 participants for advanced SQL problem-solving.
- **Best Final Year Project – 2025, Marwari College:** Built a Power BI dashboard analyzing academic performance across 6 departments over 3 years.

Education

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<b>B.Sc. in Computer Science</b> <i>Daffodil International University, Dhaka, Bangladesh</i>	<b>December 2025</b>
<b>Higher Secondary Certificate (HSC) - Science</b> <i>Govt. Tolaram College, Dhaka, Bangladesh</i>	<b>2022</b>