

# DWIP SARKER

## Full-Stack Developer

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### Summary

Full-Stack Developer with hands-on experience building scalable web applications using MERN and PHP stacks. Skilled in REST APIs, databases, performance optimization, and collaborative development environments.

### Skills

**Frontend Development:** HTML5, CSS3, JavaScript (ES6+), Tailwind CSS, TypeScript, React.js, Next.js

**Backend Development:** Node.js, Express.js, PHP, Laravel, Sequelize ORM, RESTful APIs

**Databases:** MongoDB, MySQL, SQLite

**Mobile Development:** Dart, Flutter

**Tools & Others:** Git/GitHub, Docker, cPanel & Plesk, Figma, Postman, Docusaurus

### Experience

#### Software Engineer

*Tech ICS (On-site)*

**January 2025 – Ongoing**

*Tech Stack: React, TypeScript, Tailwind CSS, PHP, Laravel*

- Redesigned and Developed core modules for **Hybrid CRM**, improving system performance and scalability for a database of **200,000+** customers.
- Conceptualized and developed a custom **Chrome Extension** to automate data extraction from 5 third-party sites into the CRM; streamlined customer outreach via automated emailing, significantly reducing manual workload.
- Designed and implemented a robust **File Transfer System** utilizing **chunked upload logic** to handle **GB+** files, featuring real-time progress tracking and automated retry mechanisms for **network resilience**.
- Developed an event-driven **email marketing tool** with **conditional logic flows**; automated personalized campaigns triggered by real-time user behavior.
- Administered a **500GB dedicated Linux server**, overseeing the deployment of web applications and environment configuration; implemented **security hardening** and proactive monitoring to ensure 99.9% uptime.

### Projects

#### Fiverr-Style Freelance Marketplace | *React, TypeScript, Tailwind, Node.js, Express.js, MongoDB*

**2024**

- First team collaboration: successfully built and launched the project.
- Developed a full-featured freelance marketplace inspired by Fiverr.
- Built a responsive UI from the client's design.
- Integrated backend APIs (Node.js/Express) for user, gig, and order management.

#### Digital Shikhhok E-Learning Platform | *HTML/CSS/JS, PHP, MySQL*

**2024**

- Built an online education portal where students can purchase courses and watch videos directly on the website.
- Integrated course browsing, enrollment flows, and user authentication.
- Collaborated on backend logic and frontend UI to provide seamless learning experiences.
- Handled end-to-end development, from analyzing business requirements to deploying features on the live production site.

### Certifications

- **ICPC Asia Dhaka Regional Contest 2024** — Official participant; awarded participation certificate.
- **Web Development Internship (3 Months)** — THE IT AID; completed a certified internship focusing on real-world web projects.

### Education

#### Diploma in Computer Science & Technology

*Headway Engineering Institute*

**2021 – 2024**

*CGPA: 3.52 / 4.00*