ABU AHAMED RAFI

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⭕ Abu Ahamed Rafi

My portfolio website: 🌐 abuahamedrafi.me

💼 Experience

Computer Services Ltd.	**Feb 2024 – Present**

Dhaka, Bangladesh

- **Trainee Software Engineer** — **Aug 2024 – Present**
  - Improved dashboard performance by **40%** using Laravel packages such as **Spatie**, **Sanctum**, **Breeze**, and **Filament PHP**.

- **Software Engineer (Intern)** — **Feb 2024 – July 2024**
  - Gained knowledge and expertise in web development, database management, and API integration for seamless performance.

‹/› Projects

Classify Shapes 🔗 | React

- This web app uses **machine learning** to classify hand-drawn letters, digits, and shapes in real-time.
- Integrated **TensorFlow.js** for seamless browser-based inference, enabling users to interact with the model without server-side processing.

Vote App - Backend 🔗 | Laravel, REST API

- Developed a dynamic voting API backend with Laravel, supporting real-time vote updates and seamless category-based voting with customizable options. Implemented API security measures, including **HTTPS**, **JWT (JSON Web Tokens)** authentication.
- Tested endpoints using **Postman** and integrated tools for API debugging and validation.

Frame Fit 🔗 | HTML, Tailwind, JavaScript, Laravel

- Developed a web application with features including image cropping, resizing, and overlay customization using **Fabric.js and Blade**, allowing users to personalize and download framed images.
- Integrated an **admin dashboard** built with **Filament PHP** to manage frames and monitor download metrics effectively.

⚙️ Skills

Languages: PHP, JavaScript, **C++**, Java, HTML, CSS(Bootstrap, Tailwind).

Frameworks: Laravel, React.

Tools and Technologies: Git, REST APIs (JWT Tokens), VS Code, PHP Strom, Postman

Databases: MySQL, PostgreSQL.

OS: Linux, Mac OS, Shell Scripting.

🎓 Education

Independent University, Bangladesh	**Sep 2019 – Sep 2024**
B.Sc. in Computer Science and Engineering	*Dhaka, Bangladesh*

⭐ Extracurricular Activities

IUB E-Sports Club	**Apr 2022 – Present**
Regulatory Head	*Dhaka*

- Organized events hosting **300+ participants**, managing logistics and coordination with sponsors.
- Demonstrated leadership and teamwork by launching and promoting collegiate e-sports competitions.

Independent University, Bangladesh	**Jan 2020 – Apr 2023**
Student On Duty	*Dhaka*

- Assisted professors in Data Structures and Discrete Mathematics, mentoring **100+ students.**