

ABU AHAMED RAFI

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abu-ahamed-rafi

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My portfolio website: abuahamedrafi.me



Technical Skills

Backend: Laravel, Django, DRF, Node.js | **Frontend:** React, Next.js, TypeScript, Tailwind CSS.

DevOps/Cloud: AWS (EC2, RDS, CloudWatch), Docker, CI/CD | **DB:** MySQL, PostgreSQL.

Core Concepts: Microservices, REST API Design, JWT, System Observability, Stripe Integration, TDD/Testing, Git.

Experience

JB Connect Ltd.

Dhaka, Bangladesh

Software Engineer

March 2025 – Present

- Architected and deployed production ready SaaS applications using **Laravel**, **Django/DRF**, and **microservices** for scalable backend systems.
- Managed **AWS** infrastructure (**EC2**, **Aurora RDS**, **IAM**) and **Docker** containerization for continuous cloud deployment.
- Implemented observability solutions using **CloudWatch** for monitoring SLI/SLO metrics, ensuring **99.9% uptime** for critical services.
- Followed seniors in full-stack initiatives with **React**, **Redux**, and **TypeScript**, maintaining code quality through automated testing and **CI/CD** pipelines.

Computer Services Limited

Dhaka, Bangladesh

Trainee & Intern Software Engineer

Feb 2024 – Feb 2025

- Accelerated project delivery by **30%** through **Laravel** performance optimizations, caching strategies, and efficient **MySQL** query design.
- Developed and maintained **RESTful APIs** using **Laravel**, mastering **JWT** authentication, **API security**, and **MVC architecture**.
- Gained foundational expertise in full-stack development, integrating **React** frontends with Laravel backends and implementing core features like **RBAC** and user authentication.

Projects

EasyTicket - Full-Stack Event Ticketing **DRF**, **Stripe**, **Docker** | **Next.js**, **TypeScript**

- Engineered a complex, full-stack event ticketing platform, architecting a secure **Django REST API** and **Next.js** (App Router) frontend (TypeScript, Tailwind) to demonstrate full-stack expertise.
- Implemented critical system components including a robust **Stripe payment integration** via verified webhooks, complex **JWT/RBAC** security, and **Row-Level Locking** for concurrent ticket inventory protection.
- Ensured application scalability and portability by containerizing the entire stack using **Docker** and **Docker Compose**, while integrating **PDF** and **QR code** generation for ticket fulfillment.

Frame Fit | **Laravel**, **Fabric.js**, **Filament**

- 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.

Classify Shapes | **TensorFlow.js**, **ML**

- 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.

Education

Independent University, Bangladesh

B.Sc. in Computer Science and Engineering

Sep 2019 – Sep 2024

Dhaka, Bangladesh