



# Arpa Nihan *Full Stack Developer*

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## PROFILE

Software Engineer with 3+ years of experience developing scalable web applications using Laravel, PHP, JavaScript, React, and Next.js. Experienced in REST API development, database design, performance optimization, testing, and software maintenance. Strong background in building government, enterprise, and SaaS applications with a focus on clean architecture, security, and production-ready solutions.

## WORK EXPERIENCE

### Junior Software Developer, *Business Automation Ltd.*

11/2023 – present | Dhaka, Bangladesh

- Developed and maintained scalable web applications using Laravel, React, and Next.js across multiple enterprise modules
- Implemented core systems including Report Template, Activity Log, and Action Log, improving system traceability and auditing
- Built reusable and modular components, reducing development time for new features
- Identified and resolved production and UAT issues, improving system stability
- Collaborated with QA and design teams to deliver tested and user-friendly features
- Contributed to end-to-end testing using Cypress, improving release quality
- Managed deployments to development and UAT environments
- Worked on government-scale applications (a2i, BIDA, MOCAT) handling real-world production requirements

### Software Developer, *Cloud Production Ltd.*

03/2023 – 10/2023 | Dhaka, Bangladesh

Engaged in website development as a Software Developer (Fresher), focusing on frontend technologies including HTML, CSS, JavaScript, and React.

## SKILLS

### Programming Languages

PHP, JavaScript

### Frameworks & Libraries

Laravel, React, Next.js

### Front-end Development

HTML5, CSS3, Tailwind CSS, Bootstrap, Chakra UI

### Database Management

MySQL, MongoDB

### Tools & Technologies

Git, GitHub, Postman, Cypress

### Core Concepts:

RESTful APIs, MVC Architecture, RBAC, API Integration, Multi-Tenant Architecture

### Soft Skills

Communication, Team Collaboration, Problem Solving, Leadership, Time Management

## EDUCATION

### DAFFODIL INTERNATIONAL UNIVERSITY,

*B. Sc in Computer Science & Engineering*

2019 – 2022 | Dhaka, Bangladesh

### DHAKA CITY COLLEGE, *Science*

2016 – 2018 | Dhaka, Bangladesh

## SELECTED PROJECTS

### Auditify- Audit Logging for Laravel

- Developed a reusable Laravel package for audit logging and security monitoring.
- Implemented automated activity tracking, threat detection, XSS protection, analytics dashboards, and report exports.
- **Tech:** Laravel, PHP, MySQL, JavaScript, Composer
- **GitHub:** [github.com/arpa12/laravel-auditify](https://github.com/arpa12/laravel-auditify) [🔗](#)

### Byabsha Track – Multi-Tenant Business & Inventory Management System

- Built a SaaS-ready multi-tenant business management platform with secure tenant-based data isolation.
- Developed inventory, sales, restocking, profit/loss tracking, reporting, PDF export, and role-based access control features.
- **Tech:** Laravel 12, MySQL, Bootstrap, RBAC

### BRAC CQMS - Customer Queue Management System

- Developed customer-facing and administrative modules for a queue management platform.
- Integrated REST APIs for real-time queue operations and supported testing and deployment.
- **Tech:** Next.js, Tailwind CSS, REST API

### Ministry of Civil Aviation and Tourism (MOCAT)

- Upgraded and maintained a legacy system, performed full system validation, resolved issues, and supported deployment to UAT and production with post-release issue handling.
- **Tech:** Laravel, MySQL, JavaScript

### Aspire to Innovate (a2i)

- Developed complete UI modules from Figma designs and implemented backend features based on requirements. Resolved functional and UI issues through continuous testing feedback and supported deployment to development and UAT environments.
- **Tech:** Laravel, JavaScript, Bootstrap

### Bangladesh Investment Development Authority (BIDA)

- Conducted end-to-end automation testing using **Cypress** to ensure system stability and reliability across key workflows.

### Bangladesh Tourism Board (BTB)

- Performed comprehensive system testing including functional and **API testing** to ensure application quality and performance.

## DECLARATION

I hereby declare that the information provided in this document is accurate and true to the best of my knowledge.

Arpa Nihan