Arpa Nihan *Junior Software Developer*

✉ nihanarpa64@gmail.com   📞 01924489215   📍 South Banasree, Titash Road

in https://www.linkedin.com/in/arpanihan/   ○ https://github.com/arpa12

Hello, I'm Arpa Nihan, a Computer Science and Engineering graduate from Daffodil International University and currently a Junior Software Developer at Business Automation Ltd. Skilled in web development, manual and API testing, and building modern web applications, with additional experience in WordPress, graphic design, and UI-focused solutions. A collaborative and adaptable professional committed to delivering reliable, high-quality software solutions.

🎓 EDUCATION

DAFFODIL INTERNATIONAL UNIVERSITY, *B. Sc in Computer Science & Engineering*   2019 – 2022
Dhaka, Bangladesh

DHAKA CITY COLLEGE, *Science*   2016 – 2018
Dhaka, Bangladesh

🧠 SKILLS

Programming Languages: HTML & CSS, Bootstrap, JavaScript, React, NextJs, Laravel

Database: MySQL

WordPress Development: Website creation using themes, plugins, and Elementor

Manual Testing: Black Box Testing │ Functional Testing (including Integration Testing, System Testing, User Acceptance Testing, Smoke Testing, Sanity Testing, Regression Testing, and API Testing) │ Non-Functional Testing │ API Testing with Postman

Technical Tools: Postman, CodeLab, Cypress, Newman

Automation Testing: Cypress

Soft Skills: Time Management, Leadership, Effective Communication, Critical Thinking

📁 PROJECTS

Aspire to Innovate (a2i)
- Worked in Laravel to implement the Report Template Module, Activity Log, and Action Log; resolved all functional and UI issues through thorough local testing and deployed to Dev and UAT servers.
- Used CodeLab as the primary issue-tracking tool to document, manage, and communicate fixes efficiently.

Ministry of Civil Aviation and Tourism (MOCAT)
- Upgraded the Mocat_v2 project from Laravel 5.1 to Laravel 10, performed full system cross-checks, and resolved all syntax-related issues. Deployed to UAT, tracked and fixed reported issues via CodeLab, then released updates. After ensuring stability, took a database backup and deployed to production, followed by handling live issues post-launch.

Bangladesh Investment Development Authority (BIDA)
- Conducted end-to-end automation testing using Cypress, covering key workflows to ensure system stability and reliability.

Bangladesh Tourism Board (BTB)
- Performed comprehensive testing including Black Box Testing, Functional Testing (Integration, System, UAT, Smoke, Sanity, Regression, and API Testing), Non-Functional Testing, and API Testing using Postman.

💼 PROFESSIONAL EXPERIENCE

Junior Software Developer, *Business Automation Ltd.*   11/2023 – present
• Developed and maintained web application features using Laravel, React, and Next.js.   Dhaka, Bangladesh
• Implemented modules including Report Template, Activity Log, and Action Log in enterprise
projects.
• Upgraded legacy applications (Laravel 5.1 to Laravel 10) and resolved compatibility and
syntax issues.
• Performed debugging, bug fixing, and UI improvements across multiple system modules.
• Conducted functional and API testing to ensure system reliability before deployment.
• Collaborated with QA, designers, and stakeholders to deliver high-quality solutions.
• Deployed applications to Dev and UAT environments and supported production releases.
• Tracked issues using CodeLab and resolved defects based on testing feedback.
• Contributed to automation testing using Cypress for critical workflows.
• Provided post-deployment support and resolved live issues to ensure system stability.

• **Achievements:**
• Upgraded legacy application to Laravel 10, enhancing performance and security.
• Delivered core modules and resolved critical system issues before release.
• Supported successful deployments to Dev, UAT, and Production environments.
• Improved system reliability through testing and automation efforts.

Software Developer-fresher, *Cloud Production Ltd.*   03/2023 – 10/2023
Engaged in website development as a Software Developer (Fresher), focusing on frontend   Dhaka, Bangladesh
technologies including HTML, CSS, JavaScript, and React.

📄 CERTIFICATES

Fundamentals of Database Engineering — Successfully completed the "Fundamentals of Database Engineering" course at
the Skill Development Center conducted by Business Automation Ltd from June 8, 2024, to August 24, 2024, with a total
duration of 22 hours.

⚙ REFERENCES

Md. Mojadded Hossain Khan, *Assistant Project Manager,* Business Automation LTD
mojadded@ba-systems.com, +8801632053996