

# Anik Lal Dey

SOFTWARE ENGINEER

## EDUCATION

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE & ENGINEERING

East West University  
Dhaka  
Software  
3.57  
1 January 2024

### HIGHER SECONDARY SCHOOL CERTIFICATE

Birshreshtha Munshi Abdur Rouf Public College  
Dhaka  
Science  
4.00  
9 July 2018

### SECONDARY SCHOOL CERTIFICATE

Manikganj Govt High School  
Maikganj  
Science  
5.00  
11 May 2016

## REFERENCE

### Dr. Md Mostofa Kamal Rasel

Assistant Professor  
Department of Computer Science & Engineering  
A, 2 Jahurul Islam Ave, Dhaka 1212  
mostofa.kamal@ewubd.edu  
+8801717256973

### Joynal Abedin Parag

Team Lead  
Department of Software Development  
Supernova Techno Limited  
joynal@supernovatechbd.com  
+8801814266295

## ACHIEVEMENTS

- \* Got selected quarterly best employee and awarded from Supernova Techno Limited
- \* Got two times Medha Lalon Scholarship from East West University for continuing outstanding CGPA/Result

## SKILLS

ASP . NET, Java, NestJS, Node.js, C++, PHP

HTML, CSS, Next.js, ReactJS, Tailwind CSS, Bootstrap

Oracle, PostgreSQL, MSSQL, MySQL, Firebase

Codeforces, Leetcode

Windows, Linux



## PROFILE

I am a self-motivated software engineer passionate about solving complex problems, driving innovation, and delivering quality solutions. I thrive in teamwork, continuously enhance my skills, and aim to contribute to impactful projects and growth.

## WORK EXPERIENCE

Jr Software Engineer  
Supernova Techno Limited  
(1 Jan 2024 - Continuing)

### My Duties, Responsibilities, and Work Experience with Supernova

As a junior software engineer at Supernova Techno Limited, my clients include Robi Axiata Limited, bKash, and Banglalink. I worked on their projects and handled their requirements. For these projects, I used technologies such as ASP.NET, NestJS, Node.js, Java, PHP, Next.js, Tailwind CSS, MSSQL, Oracle, and PostgreSQL.

### Working in Backend Development

#### Working on ASP.NET

- \* Worked on a VAS platform charging application with two charging channels: IVR, WEB & SMS using ASP.NET and MSSQL, with integration via SOAP-based API.
- \* Designed and implemented a message sender worker service using ASP.NET and MSSQL, successfully deploying it to a live server.
- \* Created an Android push notification sender worker service using ASP.NET, MSSQL, and Firebase, successfully deploying it to a live server.
- \* Worked on an existing bKash project called ImageMerging Service, a desktop-based ASP.NET application. My role involved developing new features and implementing change requests using ASP.NET.
- \* Gained experience with the ASP.NET Web API framework.

#### Working on NestJS and Node.js

- \* Worked on BICare, a Banglalink health service project, using NestJS and MSSQL.
- \* Worked on Robi Healthplus, a Robi health service project, using NestJS, Node.js, and MSSQL.
- \* Worked on Purno Health, a health service project, using NestJS, Node.js, and MSSQL.
- \* Created a bulk data inserter and bKash SVG banner template generator with QR codes as a demo project of bKash using NestJS.
- \* Worked on a network monitoring solution using NestJS and PostgreSQL.

#### Working on Java

- \* Worked on Java platform maven applications such as mail senders, billing generation processors, and file fetch processors, as well as deploying Maven-built JARs on Linux servers.

#### Working on PHP CodeIgniter

- \* Worked on a portal development project using PHP CodeIgniter framework.

#### Databases

- \* Managed large-scale databases, including Messaging, Billing Management, and VAS Platform databases, supporting four charging channels IVR, SMS, USSD, and WEB using Oracle & MSSQL.
- \* Writing complex queries in Oracle, MSSQL and PostgreSQL.
- \* Creating stored procedures in Oracle, MSSQL and PostgreSQL.

### Working on Frontend Development

#### Working on Next.js

- \* Worked on a network monitoring solution using Next.js, Tailwind CSS, daisyUI.
- \* Worked on portal development using HTML, CSS and Bootstrap.