

# Md. Parvej Hoque Palash

✉ [mdparvejhoquepalash.official@gmail.com](mailto:mdparvejhoquepalash.official@gmail.com) | 📞 +88 01841-763871  
🏠 [Portfolio](#) | 🌐 [Parvej-Hoque-Palash](#) | 🌐 [parvej-hoque-palash](#)

## Experience

**Divine IT Limited** | Software Engineer

April 2025 - Present

- Implemented a SearchSession module that shorten the URLs by taking a large number of parameters in a table under a session key and use that session key in url which shorten the url.
- Implemented array support for receiver in Banglalink's SMS Integration.

**Divine IT Limited** | Trainee Software Engineer

July 2024 - March 2025

- Created a SQL Query Builder Editor using React and Redux.
- Learned and worked with **Furinapy**, a **Python**-based framework, on the **PrismERP** project.
- Converted over 1,000 SQLAlchemy queries from MySQL to PostgreSQL.
- Implemented a portlet page with side bar to display list of portlets in the left side and each portlet in the right side.
- Implemented User wise portlet url access in List of Portlets.

## Education

**Jahangirnagar University (JU)**

Graduation date: May, 2024

Completed **B.Sc in Computer Science and Engineering** | CSE-JU

**CGPA: 3.57/4.00**

Relevant Courses: Data Structure, Algorithms I, Algorithms II, OOP (C++), OS, SWE, DTC, SQA, Web, ML, AI etc.

**Jahangirnagar University (JU)**

Expected Graduation date: July, 2025

Pursuing M.Sc in Computer Science and Engineering | [CSE-JU](#)

## Projects

**Genomedics**

[React](#), [Nextjs](#), [PostgreSQL](#), [Tailwind](#), [Github](#)

- A dynamic, responsive website for a leading medicine supplier in Bangladesh. [👁️Live](#)

**Albab Academy**

[React](#), [Nextjs](#), [PostgreSQL](#), [Tailwind](#), [Github](#)

- A comprehensive school automation system featuring online admissions, payment automation, and detailed report generation. [👁️Live](#)

**Employee Management**

[React](#), [Nodejs](#), [MongoDB](#), [Tailwind](#), [Github](#)

- A web-based employee management system allowing unauthorized users to view data while registered users can view, update, and delete records in the database. [🔗Github](#) [👁️Live](#)

**Library Management**

[React](#), [Nodejs](#), [MongoDB](#), [Tailwind](#), [Github](#)

- Developed an admin dashboard to visualize book statistics across various categories. [🔗Github](#)

**Konta Niben**

[React](#), [Nodejs](#), [MongoDB](#), [Tailwind](#), [Github](#)

Followed **Agile SDLC** methodology, completing two sprints while collaborating via **GitHub Wiki**, **Discord**, and **Trello**.  
[🔗Github](#)

**DDoS Attack Detection Using Machine Learning**

[Google Colab](#), [Overleaf](#), [Github](#)

- It is a machine learning-based project for detecting DDoS attacks using machine learning algorithms. I used **SDN dataset** in this project. I have used five machine learning models and find out the best-performing model among them.  
[🔗Github](#) [📄Overleaf](#)

## Programming Competitions & Achievements

- Participated in the **ICPC Preliminary Contest** twice.
- Participated in **100+** online contests in different judges.
- Solved **1000+** programming problems in different online judges.
- Ranked **29th out of 511 teams** in **CODE SAMURAI 2022 Hackathon**.
- Ranked **19th out of 400 teams** in **CODE SAMURAI 2024 Hackathon**.
- Got scholarship **3 times** out of 4 years for good results while studying B.Sc.

**Online Judge:** [StopStalk](#) **Handle:** [php\\_980](#) **vjudge Handle:** [palash\\_28\\_378](#) **Leetcode Handle:** [php\\_980](#)

## Courses & Certificates

- Bootcamp: MERN & PERN Full Stack** from [BongoDev](#)

Dec. 2022 - July. 2023

# Leadership and Volunteering

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## *Class Representative*

- Served as **Class Representative (CR)** for two years, leading student coordination **during and after COVID-19** in both online and offline settings.
- Volunteered in an onsite programming contest named Binary Brains Battle Programming Contest.
- Volunteered in NCPC 2024 programming contest.

## Skills

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**Languages:** C, C++, Javascript, Python, SQL, HTML, CSS

**Frameworks & Databases:** Bootstrap, Tailwind, React, NodeJS, ExpressJS, NextJS, Django, MySQL, PostgreSQL, MongoDB

**Technologies & Tools:** Github, Figma, POSTMAN, Netlify, Cloudflare, Vercel, Surge