# NIEB HASAN NEOM

✉ niebhasanneom0@gmail.com

📞 +8801774622226

📍 383-Old Elephant Road,
Modhubag, Mogbazar, Dhaka

in https://www.linkedin.com/in/nieb-hasan-neom-72b604201/

○ https://github.com/NiebHasan077

## TECHNICAL SKILLS:

- C++, Java, Kotlin, Python
- Spring Boot
- PHP, HTML, JavaScript, CSS
- MySQL, SQLite, PostgreSQL, NoSQL, MongoDB, Redis
- Linux, Windows, Android
- Android Studio, Intellij, CodeBlocks, Toad, Visual Studio Code, Latex, DataGrip
- Gradle, Maven
- Jira
- Git and GitHub

### Other Skills:

- Micro-service Architecture
- RESTful Web Services
- Basics of Blockchain
- Basic Design Patterns and Clean code
- Basic API design and System design
- Deep Learning
- Agile Methodology
- CI/CD with Jenkins

## RESPONSIBILITIES:

- **Former Executive member**
  - Organization of KUET sports, KUET

- **Former Assistant Organizing Secretary**
  - KUET math club, KUET

- **Former Member**
  - SGIPC, KUET - Special group interested in programming contest.

## CAREER OBJECTIVES:

An accomplished software developer with a background in Competitive Programming and Deep Learning research, with 1 year of experience in backend software development using Spring Boot framework. Seeking to leverage my technical expertise and problem-solving skills to contribute to a dynamic team and deliver high-quality software solutions that meet the needs of the industry.

## WORK EXPERIENCE:

Graduate Engineer
Kona Software Lab Limited                    Apr. 2022 - Present.

- Part of backend development team working on a blockchain-based cryptocurrency and token trading website .
- Worked on services related to trade management, user management, api gateway, wallet management, fee management and more.

## EDUCATION:

Khulna University of Engineering & Technology        CGPA: 3.51/4.00
B.Sc. in Computer Science and Engineering            Feb. 2017 - Mar 2022.

## CONTESTS & ACHIEVEMENTS:

### Programming Contests
- KonaSL coding combat 2023, Rank: $1^{st}$ Runner-up, ID: nul_ptr_excption
- Intra Kuet programming contest 2020, Best performer from 2k16 batch, ID: Nieb Hasan Neom
- Intra Kuet programming contest 2019, Rank: 10, ID: NAN
- More 2+ Onsite and 200+ Online Contests.

### Problem Solving
- Solved 1000+ programming problems
- Codeforces: Nieb_Hasan_077, Solve: 550+, Max Rating: 1629 (Expert)
- Leetcode: Nieb_Hasan_077, Solve: 50+, Max Rating: 1895 (Global Top 5%)
- UVa: Nieb_Hasan_077, Solve: 140+
- Codechef: Nieb_Hasan_077, Solve: 70+, Max Rating: 1819 (4*)
- Stopstalk: Nieb_Hasan_077

### Other achievements
- Research Paper: A hybrid approach for Bangla sign language recognition using deep transfer learning model with random forest classifier.
- Research Paper: A Review on Fall Detection Systems Using Data from Smartphone Sensors.
- 1st runner up in math quiz arranged by Math club, KUET.

## MAJOR PROJECTS:

- **CRYPTRADE** Spring Boot, Java link
  Currently developing a blockchain-based cryptocurrency and token trading website in my present company. Responsibilities include backend design and implementation using Spring Boot, Java, and RESTful APIs, and collaborating with a team to ensure project success.

- **Undergraduate Thesis: Bangla Sign Language Recognition Using Deep Learning.**
  Deep Learning, CNN, Python, Tensorflow, OpenCV
  Proposed a Hybrid Transfer Learning based CNN model with RandomForest classifier to classify Bangla sign characters and digits from Images.

- **DiceRoll** AndroidStudio, Kotlin github
  This is a simple Android app that can perform dice roll by clicking on a button.

- **CatchTheBall** CodeBlocks, C++, OpenGL github
  A graphical game to catch the balls falling from top by moving a basket.

- **SalaryManager** PLSQL, SQLite github
  A project on salary management of an organization for database management system course.