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* **CRYPTRADE** Spring Boot, Java [link](https://qa-cryptrade.cryptokona.io/)

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](https://github.com/NiebHasan077/Dice-Roller/tree/master)

This is a simple Android app that can perform dice roll by clicking on a

button.

* **CatchTheBall** CodeBlocks, C++, OpenGL [github](https://github.com/NiebHasan077/CatchTheBall)

A graphical game to catch the balls falling from top by moving a basket.

* **SalaryManager**  PLSQL, SQLite [github](https://github.com/NiebHasan077/SalaryManager)

A project on salary management of an organization for database management system course.

**Programming Contests**

* [KonaSL coding combat 2023, Rank: 1](https://www.hackerrank.com/contests/konasl-coding-combat-2023/leaderboard)[st](https://www.hackerrank.com/contests/konasl-coding-combat-2023/leaderboard) [Runner-up](https://www.hackerrank.com/contests/konasl-coding-combat-2023/leaderboard), ID: nul\_ptr\_excption
* [Intra Kuet programming contest 2020, Best performer from 2k16 batch, ID: Nieb Hasan Neom](https://toph.co/c/intra-kuet-2020/standings)
* [Intra Kuet programming contest 2019, Rank: 10, ID: NAN](https://toph.co/c/intra-kuet-2019/standings)
* More 2+ Onsite and 200+ Online Contests.

**Problem Solving**

* Solved 1000+ programming problems
* Codeforces: [Nieb\_Hasan\_077](http://codeforces.com/profile/Nieb_Hasan_077), Solve: 550+, Max Rating: 1629 (Expert)
* Leetcode: [Nieb\_Hasan\_077](https://leetcode.com/Nieb_Hasan_077/), Solve: 50+, Max Rating: 1895 (Global Top 5%)
* UVa: [Nieb\_Hasan\_077](https://uhunt.onlinejudge.org/id/907200), Solve: 140+
* Codechef: [Nieb\_Hasan\_077](https://www.codechef.com/users/nieb_hasan_077), Solve: 70+, Max Rating: 1819 (4\*)
* Stopstalk: [Nieb\_Hasan\_077](https://www.stopstalk.com/user/profile/Nieb_Hasan_077)

**Other achievements**

* [Research Paper: A hybrid approach for Bangla sign language recognition using deep transfer learning model with random forest classifier.](https://www.sciencedirect.com/science/article/pii/S0957417422019327)
* [Research Paper: A Review on Fall Detection Systems Using Data from Smartphone Sensors.](http://www.iieta.org/journals/isi/paper/10.18280/isi.240602)
* 1st runner up in math quiz arranged by Math club, KUET.

**CONTESTS & ACHIEVEMENTS:**

**EDUCATION:**

Khulna University of Engineering & Technology CGPA: 3.51/4.00

B.Sc. in Computer Science and Engineering Feb. 2017 - Mar 2022.

NIEB HASAN NEOM

* 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.

**TECHNICAL SKILLS:**

**MAJOR PROJECTS:**

**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.

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.

**CAREER OBJECTIVES:**

<https://github.com/NiebHasan077>

GitHub-Mark-32px

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

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