

NIEB HASAN NEOM



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<https://github.com/NiebHasan077>

TECHNICAL SKILLS:

- C++, Java, Kotlin, Python
- 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
- Spring Boot

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

B.Sc. in Computer Science and Engineering

CGPA: 3.51/4.00

Feb. 2017 - Mar 2022.

CONTESTS & ACHIEVEMENTS:

Programming Contests

- [KonaSL coding combat 2023, Rank: 1st 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:

- **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.
- **FUN++** CodeBlocks, Bison, C [github](#)
A compiler that can compile and run a dummy programming language. A simple project on compiler design course.