

# SREEJAN ROY

## SOFTWARE ENGINEER

### Objective

A fresh graduate with knowledge of Backend Web Development and Embedded Systems. Currently looking for entry-level positions to contribute to a development team and gain experience.

### Education



**BSc. in CSE**  
**American International University-Bangladesh**  
Year: 2019 - December 2022  
CGPA: 3.63

**Higher Secondary Certificate**  
**Chowmuhani Govt. S.A. College.**  
Group: Science, Year: 2018, GPA: 4.17

### Personal Projects

#### Dehonk- [2022]

A system that uses sensors to detect car horn sounds and trigger a response.

- C++, Python, InfluxDB, PlatformIO
- GitHub: <https://github.com/roysreejan/Dehonk>

#### Gesture Control Car - [2022]

A 6-axis gyro plus accelerometer-based control car.

- C++
- GitHub:  
<https://github.com/roysreejan/GestureControlCarRx>

#### Army Camp Animation- [2021]

A day-night army camp view with sound animation

- C++ (OpenGL)
- GitHub:  
[https://github.com/roysreejan/Army\\_Camp](https://github.com/roysreejan/Army_Camp)

### Experience

#### Embedded Systems Engineer (Contractual)

Zantrik (Sep, 2022 - Dec, 2022)

Dhaka, Bangladesh

- Car horn detection project.
- Compact design for easy integration into a car

### Relevant Skills

#### Languages

C/C++, Python, JavaScript, Node.js, HTML, CSS

#### Back-end Frameworks

NestJS, FastAPI.

#### Databases

MySQL, PostgreSQL, MongoDB, InfluxDB

#### Tools and Platforms

Linux, Docker, Git

### Contact Info

+880 1521-526627

sreejanroy.dev@gmail.com

sreejanroy.me

github.com/roysreejan

linkedin.com/in/sreejanroy01

Dhaka, Bangladesh

### References

#### Nazmus Shakib Sayom

Linux Developer,

meldCX

sayom@meldcx.com