

# SUMIT KUMAR KARMOKER

Mechanical Engineer

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## Profile

Experienced in **manufacturing** a full racing car from concept to **production** and **assembly**. Skilled with creative **technical** expertise and strong **Project Management** abilities. Co-founded a **FSAE Racing Team** and represented **Bangladesh** in two international racing event as the **Team Leader**.

## Experiences

### Team Crack Platoon

Nov, 2016-Dec, 2017  
Rajshahi, Bangladesh

Co-Founder and Team Captain

Team crack Platoon is the **First FSAE Racing team** from **Bangladesh**.

Achievements:

- Designed and manufactured a **Quad bike** and participated in **Quad Bike Design Challenge-2016**.
- Designed and manufactured a **Student Formula car** and participated in **Student Formula Japan-2017**.
- Participated in **Valeo Innovation Challenge-2016**.

[Team Crack Platoon Facebook page](#). [Website](#)

### Runner Motors Ltd.

Jun, 2016-Jul, 2016  
Mymensingh, Bangladesh

Industrial Trainee Engineer

Responsibilities:

- Overhauled** and **serviced Diesel Engines, Gearboxes, differentials, exhaust systems, electrical systems** etc. of commercial vehicles.
- Participated in **Driver Safety Seminar** as a **presenter**.
- Attended training on **Vehicle Assembly Technology** at Runner Automobiles.
- Attended Training on **Supply Chain Management** and **Procurement** at **CSPD, Runner Motors Ltd.**

## Education

### BSc in Mechanical Engineering

Rajshahi University of Engineering & Technology (RUET)

March, 2013-July, 2018

Rajshahi, Bangladesh

## Skills

Leadership

Problem Solving

Vehicle design

Sponsorship

Service Engineering

Electric Vehicles

3D Design

Automotive Assembly

Team Management

Branding

Public Speaking

Illustration

Idea Generation

Marketing

## Projects Completed

### Student Formula Japan 2017

**Designed & fabricated** the first **Bangladeshi Student Formula Car** according to the **FSAE** standard. Presented the car design at Student Formula Japan 2017 held at **Ecopa Arena, Shizuoka, Japan**. Our Project placed **93<sup>rd</sup>** among **210 teams** from **17 countries**.

Jan, 2017-Sept, 2018

Japan

### Quad Bike Design Challenge 2016

**Designed and fabricated** a **Quad Bike** according to the **FMAE** and **SFI** standard. Presented the car at **Quad Bike Design Challenge 2016** at **Coimbatore, Chennai, India**. Our Project placed the **6<sup>th</sup>** place among all the teams.

Jan, 2016-Oct, 2018

India

## Education

### Higher Secondary Certificate

Notre Dame College

Jul, 2010-Jul, 2012

Dhaka, Bangladesh

## Personal Interests

Filmmaking

Visual Effects

Digital Content Creation

Motorsports

Travelling

## Software Expertise

- Solidworks
- Siemens NX
- Word
- Powerpoint
- Excel
- Photoshop
- Lightroom
- Premier Pro
- After Effects

## Social Media

### LinkedIN ID

Sumit Kumar Karmoker

<https://www.linkedin.com/in/sumitkk1>

## References

### Dr. Md. Rokunuzzaman

Professor

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RUET

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