

# Akash Poddar

Dhaka, Bangladesh

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## Career Objective

Dedicated and creative neophyte, who has been working in software, research and project management is eager to demonstrate innovation and leadership in the IT industry.

## Education

### Military Institute of Science and Technology

B.SC. IN COMPUTER SCIENCE ENGINEERING

CGPA: 3.51/4.00

2016-2019

### Notre Dame College

HIGHER SECONDARY CERTIFICATE(HSC)

GPA: 5.00/5.00

2015

### St. Joseph Higher Secondary School

SECONDARY SCHOOL CERTIFICATE(SSC)

GPA: 5.00/5.00

2013

## Skills

**Languages** Python, Java, C, C++, Assembly, Shell Script, HTML, CSS, PHP, JavaScript

**Database** Oracle, MySQL, Firebase

**Development** Android, Web

**Operating System** Linux, Windows

**IDE** Jupyter Notebook, CodeBlocks, NetBeans, MATLAB, Android Studio, Microsoft Visual Studio Code, Packet Tracer, emu8086, Arduino, Wireshark, Weka, Katalon Studio, Postman

**Typesetting Software** ShareLaTeX (Overleaf v2)

**Word Processing, Project and Presentation** Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio, Microsoft Project, Trello

**Graphics** OpenGL, Blender, Adobe Photoshop

**Design Software** Justinmind, HTML Help Workshop, Circuit Maker, AutoCAD

**Industry Knowledge** Web and Technical content creation, Networking, Project Management

**Interpersonal Skills** Analytical Ability, Strategic planning, Leadership, Public speaking

**Communication Skill** Written and oral skill in both Bangla and English

**Version Control** Git

## Research Interests

Data Science, Big Data, AI, Machine Learning

## Experience

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### Dept. of CSE, Military Institute of Science and Technology

Dhaka

RESEARCH ASSISTANT

Feb. 2020 - Jul. 2020(expected)

- Manage national events, seminars, workshops.
- Assist senior faculties in research projects
- Monitor and manage project(web based university management system)

### Hello Institute of Information Technology Ltd.

Dhaka

MENTOR

Jan. 2016 - Jul. 2019

- Enhance IT skills in young talents
- Guide in Programming, Web Development, Graphics Design,Digital Logic, Microsoft Office tools, Networking, Database, Hardware knowledge, Troubleshooting

### Aamra Networks Limited

Dhaka

TRAINEE

Dec. 2018 - Jan. 2019

- Learn about network industry and its pros and cons
- Gaining idea on networking PoPs, data center, internet bandwidth, internet connectivity, cloud service, product branding and client management

### HANS

Dhaka

COORDINATOR (VOLUNTARY WORK)

Jul. 2017 - Jul. 2019

- Creating awareness about Autism through various activities and events throughout the year
- Worked for development of Autistic children
- Arrange and coordinate events dedicated to special children
- Mentor and manage group of volunteers

### St. Joseph Literacy School

Dhaka

PART TIME TEACHER (VOLUNTARY WORK)

Jul. 2011 - Dec. 2012

- Educational development of socially deprived children
- Part time teacher at regular shifts

## University Projects

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### A Comprehensive Data Set for Classification and Analysis of Human Emotion using Physiological Signals

- Multimedia EEG dataset for human emotion analysis
- Machine learning approach for analysis
- Multimodal approach

### Weapon Zeroing and Warriors' Range Efficiency Analysis System of Small Arms for Bangladesh Army

- Design, develop zeroing tool to improve the accuracy of the soldier ensuring development of consistent shot firer
- Detect bullet impression from target paper applying machine learning approach
- Develop system to allow the commanders a scope of monitoring the results
- Design, develop database for soldiers to allow tracking of methodological development of firing standards
- Minimizing the system loss by implementing AI based target checking method which will ensuring precision, automation

### Bridho-Android app for elderly citizen

- Android App to aid elder people with memory
- Provide nursing care and physiological service aid

### DBMS for NGO

- Database management system for NGO focused on women empowerment
- Enhance administration and fair management