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## EDUCATION

- **B.Sc in Computer Science & Engineering**  
Ahsanullah University of Science & Technology  
Januray 2019 - May 2023  
CGPA - 3.586
- **Higher Secondary Certificate**  
Rajuk Uttara Model College  
GPA - 5.00
- **Secondary School Certificate**  
Rajuk Uttara Model College  
GPA - 5.00

## SKILLS & PROFICIENCIES

- Programming language: C++, JavaScript, NodeJS, React.
- Database Management: MS SQL Server, MongoDB.
- Version Control Tools: Git, Github.
- Game Engine: Unity Engine.
- Others: MS Office Tools.

## RESEARCH & PUBLICATIONS

An XAI based bone fracture detection system with Convolutional Neural Networks using X-ray images. (Ongoing)

## REFERENCES

**Mr. Md. Aminur Rahman**

Assistant Professor

Ahsanullah University of Science & Technology

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# Sanjay Kumar Mandal

## PROFILE

I'm a fresh graduate who is currently working as a trainee software engineer. I have good programming knowledge with great problem solving skills. I have participated in various extracurricular activities which helped me with my communication and leadership skills. I always consider myself as a team player and always eager to learn new things.

## WORK HISTORY

### Trainee Software Engineer

BJIT Limited (August 2023 - present)

#### Responsibilities:

- Learning and implementing features using JavaScript, mongoDB, React and NodeJS in different tasks and projects.
- Maintaining projects using git-github as version control tool.
- Got familiar with project management tool using Redmine.

## PROJECTS

### PPT - Personal Progress Tracker

#### Key Features:

- This android app works like a notebook/reminder where one can track daily routines.
- It has a reward based system where completing each tasks reward with points which motivates to do more.
- The app used real time database (Firebase).

#### Technologies Used:

Java, Android Studio, Firebase.

#### Github link:

<https://github.com/sanjaymandal3045/Personal-Progress-Tracker>

### Genesis Mart - An Online digital Store

#### Key Features:

- This is an Online digital store where different product can be sold.
- It contains cart system, multiple categories and admin control.
- It is built upon ASP.NET MVC web application framework.

#### Technologies Used:

ASP.NET MVC.

#### Github link:

<https://github.com/sanjaymandal3045/Genesis-Mart>