# SM Fazlur Rahman

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## Internship/Training

## **Summer Training(LPU)**

June 2024 - July 2024

- Completed a 30-days summer training program focused on Java app development, emphasizing both foundational programming concepts and practical game development
- Developed interactive applications, including a Flappy Bird game and using Java Swing for GUI design and event handling
- Gained hands-on experience in building responsive interfaces and handling user interactions through Swing components such as buttons, panels, and frames
- Collaborated in a learning environment, enhancing teamwork, communication, and project management abilities

## **Projects**

#### Blog App / MERN Stack, Responsive Web Design

Aug 2024 - Oct 2022

- Developed a full-stack blog application enabling users to create, read, update, and delete blog posts
- Integrated MongoDB for efficient data storage and retrieval, ensuring seamless content management
- Built a responsive and interactive user interface using React, enhancing user experience across devices.
- Designed and implemented secure user authentication and authorization using JWT, ensuring data privacy
- Github Repository Link: <a href="https://github.com/Fazlur2053/Blog-App">https://github.com/Fazlur2053/Blog-App</a>

#### Flappy Bird Game / Java AWT, Java Swing

June 2024 - July 2024

- Designed and developed a 2D Flappy Bird game using Java and Swing, simulating real-time gameplay mechanics.
- Implemented smooth character movement, collision detection, and score tracking to enhance player experience.
- Utilized Swing components to create an interactive user interface, including start, pause, and game-over screens.
- Debugged and optimized game performance to ensure responsive controls and fluid gameplay.
- Github Repository Link: https://github.com/Fazlur2053/FlappyBird

#### **Achievement/Certifications**

#### **Cloud Computing**

July 2024 - Oct 2024

NPTEL - <a href="https://bit.ly/smfazlur">https://bit.ly/smfazlur</a>

#### **App Development in Java**

June 2024 - July 2024

LPU - https://www.lpu.in/jobs/Certificates/frmVerifyHRDCPC.aspx

#### **Programming Certification in C++**

Coursera - <a href="https://bit.ly/fazlur-rahman">https://bit.ly/fazlur-rahman</a>

Dec 2023

DSA with C++

Udemy - https://tinyurl.com/fazlur-rahman

Feb 2024

#### **CODEFORCES**

Newbie rating (1056) - https://tinyurl.com/fazlurrahmann

#### **LEETCODE**

Solved 100+ questions - <a href="https://leetcode.com/u/Fazlur 9204/">https://leetcode.com/u/Fazlur 9204/</a>

#### **Technical Skills**

Languages: C/C++, Java, JavaScript

Technologies/Frameworks: HTML and CSS, React JS, Node JS, Git, GitHub

Technical Courses: Data Structures and Algorithms, OOP's, DBMS, Operating System and Computer Networks

#### Education

#### Lovely Professional University Punjab

Computer Science and Engineering — CGPA: 5.81

Jalandhar, Punjab

Since **2022 – 2025** 

12th with Science — Percentage: 70.6%

**Guru Nanak School Ranchi** 

Jharkhand, Ranchi

Bishop's School Bahu Bazar Ranchi

2019 - 2020

2020 - 2022

10th with Science — CGPA: 73.80%

Jharkhand, Ranchi