# SM Fazlur Rahman

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## Training

**Summer Training LPU**                                                                                                    **Jun 2024 - Jul 2024**

- Completed a 30-days summer training program focused on Java app development, emphasizing both foundational programming concepts and practical game development
- Emerged in 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 2024**

- Automated 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: **https://github.com/Fazlur2053/Blog-App**

**Flappy Bird Game** / *Java AWT, Java Swing*                                                            **Jun 2024 – Jul 2024**

- Optimized 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**                                                                                                        **Jul 2024 - Oct 2024**
*NPTEL - Certificate link*

**App Development in Java**                                                                                         **Jun 2024 – Jul 2024**
*LPU - Certificate link*

**Programming Certification in C++**
*Coursera – Certificate link*                                                                                                              **Dec 2023**

**DSA with C++**
*Udemy - Certificate link*                                                                                                                   **Feb 2024**

**CodeForces**
Newbie rating (1056)

**LeetCode**
Solved 100+ questions

## 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**                                                            Since **2022 – 2025**
*Computer Science and Engineering — CGPA: 5.81*                                               *Phagwara, Punjab*

**Guru Nanak School Ranchi**                                                                                          **2020 – 2022**
*12th with Science — Percentage: 70.6%*                                                                  *Jharkhand, Ranchi*

**Bishop's School Bahu Bazar Ranchi**                                                                       **2019 – 2020**
*10th with Science — Percentage: 73.80%*                                                              *Jharkhand, Ranchi*