

# MD Zuleyenine Ibne Noman

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## EDUCATION

**Institute of Information Technology, Jahangirnagar University**

Dhaka, Bangladesh

*Bachelor of Science in Information and Communication Technology (ICT)*

2019 – 2024

- Graduated with **CGPA: 3.77/4.00**, ranked **8th in class**.

## TECHNICAL & CREATIVE EXPERTISE

**Programming & Development:** C, C++ , Java, Python & Django Framework, Linux, Assembly, Prolog, MATLAB, SQL, Selenium, Node.js, Android Studio, HTML, CSS, JavaScript,, Spring Boot, React, Frontend, Backend, DevOps, Security,Postman

**Design, Tools & Emerging Tech:** Figma, Canva, Adobe Premiere Pro, Microsoft Word, PowerPoint, Visio, Visual Paradigm, LaTeX (Overleaf), IoT Concepts and Applications, Software Quality Assurance (SQA), VS Code, Anaconda, Jupyter Notebook

## WORK EXPERIENCE

### Software Engineer I

*Synesis IT Ltd, Dhaka, Bangladesh*

June 2025 – Present

- \* Successfully completed in-house training program on **Java Spring Boot** and **React Frontend**.
- \* Performed migration of legacy **JSP-based applications** to a modern stack with **Spring Boot + React**.
- \* Implemented **Factory Design Pattern** to improve code reusability and maintainability.
- \* Handled and optimized queries for processing over **10 million records** in MySQL.
- \* Developed a **task scheduler system** for automated processes.
- \* Built and deployed a **security system using Spring Security**, ensuring robust authentication and authorization.

## PUBLICATIONS

- **MD Zuleyenine Ibne Noman**, Kazi Sati, Mohammad Abu Yousuf, Saad Aloteibi. *LungCT-NET: An Explainable Transfer Learning-Based Robust Ensemble Model for Lung Cancer Diagnosis*. Knowledge-Based Systems, Elsevier, August 2025. Impact Factor: 7.2, CiteScore: 14.8, Q1 Journal. DOI: <https://doi.org/10.1016/j.knosys.2025.113854>.

## PROJECTS

- **Gamified Quiz App for Learning OS Concepts**  
Engineered an interactive platform combining quizzes with gamification elements (MCQs with emojis, True/False, Matching, Flashcards, Scenario-based puzzles). Implemented multiple learning modes (Learn, Timed Quiz, Challenge, Daily Quests) with XP, badges, and leaderboards to boost engagement. Integrated core OS algorithms (Banker's, CPU Scheduling, Memory Management, Page Replacement, Disk Scheduling, Synchronization). *Tech: React 18, Vite, TailwindCSS, Framer Motion, React Router, Lucide React, Netlify*  
[Live Demo](#)
- **E-commerce System**  
Developed a scalable online marketplace with product management, secure user authentication, and an AI-powered customer support chatbot. Optimized backend queries to support large-scale transactions efficiently. *Tech: Python, Django, SQLite, AI Chatbot APIs*
- **Expense Tracker Mobile App**  
Built an Android-based financial tracker with real-time Firebase integration for instant expense updates and visualized analytics. Enhanced usability with intuitive design and seamless data sync across devices. *Tech: Java, Android Studio, Firebase*
- **Student Management System**  
Implemented a web application enabling dynamic management of student data (enrollment, records, and reporting). Improved efficiency by automating storage and retrieval processes. *Tech: Node.js, HTML, CSS, JavaScript*
- **Blood Bank Management System (UI/UX)**  
Designed a modern, user-friendly interface prototype improving accessibility and operational flow for blood bank management. Delivered streamlined workflows through wireframes and interactive mockups. *Tech: Figma, UI/UX Design*

## EXTRACURRICULAR ACTIVITIES

- Founded **"Learn with i9"**, an educational platform for structured CS lessons.
- Manage the **YouTube channel** and **Facebook page**, producing tutorials and resources to engage and support learners.