

AKILAN A

Contact: 9342663817 | Email: akilanarrk12@gmail.com | LinkedIn: [linkedin.com/in/akilinarul12](https://www.linkedin.com/in/akilinarul12) | GitHub: github.com/akilan-12

Career Summary:

A Bachelor of Computer Applications (BCA) graduate with a strong foundation in software development, object-oriented programming, and problem-solving. Proficient in building web applications using Java, Spring, Spring Boot, HTML, CSS, JavaScript, Bootstrap, Tailwind CSS and React.js. Experienced with MySQL/SQL and version control using Git and GitHub, with familiarity in Python fundamentals. Passionate about developing scalable, user-friendly applications and eager to contribute to a collaborative development environment while continuously learning new technologies.

Education:

- Bachelor of Computer Applications (2025) - CGPA:7.75
- HSC - 86.6%
- SSLC - 85.4%

Technical Skills:

- **Backend & Programming:** Java, Spring, Spring Boot, RESTful APIs, Python (Beginner)
- **Frontend:** HTML5, CSS3, JavaScript, Bootstrap, React.js (Beginner), Tailwind CSS(Beginner)
- **Database & Tools:** MySQL / SQL, Git, GitHub
- **Soft Skills:** Communication, Leadership, Adaptability, Problem-Solving, Analytical Thinking

Achievements:

- Completed Internship in Industry 4.0, gaining hands-on experience with emerging technologies
- Completed 4-Month Master in Full Stack Course at FITA Academy
- Participated in Robotics Workshop conducted by Propeller Technologies
- Presented a research paper at the 3rd International Conference on Intelligent Computing Systems (ICICS) – 2025

Projects:

IoT-Based Battery Monitoring System for E-Vehicles | Tools: Microcontroller, Voltage Sensor, Temperature Sensor, Humidity Sensor, ThingSpeak IoT Cloud

- Monitored battery voltage, temperature, and humidity via ThingSpeak IoT cloud on mobile
- Configured email alert notifications for low-battery levels using IoT sensors and microcontroller
- Improved monitoring accuracy through integrated multi-sensor data processing

Training Academy Management Application | Tools: Java, Spring Boot, REST APIs, MySQL, React.js

- Developed a CRUD-based backend application using Spring Boot
- Implemented entity relationships and RESTful APIs to manage students, courses, and trainers
- Integrated backend APIs with a React.js frontend to enable end-to-end application functionality

Languages Known:

English(Proficient), Hindi(Read, Write)