SOHAN FARDIN

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Education

Rajshahi University of Engineering & Technology (RUET)
Bachelor of Science (B.Sc.) in Electronics and Telecommunication Engineering

Key Achievement

- Top 25 Finalist – bdapps Innovation Summit 2025 (EduDial Project)
- Winner at project fair at ETE department (RUET)

Featured Projects

EduDial – IVR-Based Education Platform

Designed an offline IVR system enabling rural students without smartphones to access educational content. Built scalable EdTech concept.

Eye-Controlled Wheelchair System & Speech Generation

Developed AI-based eye-tracking system integrated with ESP32 to enable hands-free wheelchair navigation for physically disabled individuals.

AI-Powered Mobile Robot (Spytron - X)

Built intelligent mobile robot integrating speech interaction and modular AI-based movement architecture.

Krishi OS – AI Smart Agriculture Platform

Designing farmer-focused web app system with expense tracking, production analytics, profit calculation, and IoT-powered data insights with AI.

Technical Skills

• Programming: Python (AI), C++ (DSA)

• Embedded Systems: Arduino, ESP32, Raspberry Pi

• IoT Integration & Wireless Communication

• Basic Web Development

• System Design & AI Automation

Research & Innovation Interests

Artificial Intelligence, Robotics & Automation, Assistive Technology,Education Technology, AgriTech Systems.