Sajid Hasan Mahir

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Summary

Final-semester Computer Science and Engineering student seeking an entry-level engineering role. Experience in Android, web, and embedded projects; interested in software engineering, machine learning, and network engineering.

Education

2022–Present	**BSc in Computer Science and Engineering** American International University-Bangladesh	CGPA: 3.80/4.00 Expected: October 2026
2021	**HSC**, Dilwara Jahan Memorial College	GPA: 4.83
2019	**SSC**, Chittagong Govt. High School	GPA: 4.22

Technical Skills

Languages:	Python, C++, Java, Kotlin, JavaScript
Web Technologies:	HTML, CSS, React.js, Next.js, Node.js
APIs & Authentication:	REST APIs, JWT, Firebase Authentication
Databases:	PostgreSQL, MySQL, Firebase Realtime Database
Tools:	Git, GitHub, VS Code, Android Studio, Postman, LaTeX
Embedded Systems:	Arduino, SIM900A GSM Module, DS3231 RTC, Relay Module

Projects

MahirExpress *Personal Project*

Technologies: Kotlin, XML, Firebase Authentication, Firebase Realtime Database

Repository: https://github.com/mahir2310/MahirExpress.git

- Built an Android bus booking app with authentication, seat selection, booking management, and downloadable tickets.

StoryNight *University Group Project*

Technologies: PHP, MySQL, JavaScript, HTML, CSS

Repository: https://github.com/mahir2310/storynight.git

- Collaborated on a cinema booking platform with role-based dashboards, seat availability, booking cancellation, and PDF e-tickets.

Home Automation *Personal Project*

Technologies: Arduino, C++, SIM900A, DS3231 RTC, Relay Module

Repository: https://github.com/mahir2310/Home-Automation.git

- Built GSM-controlled motor and lighting automation with scheduled operation, authorized-number checks, auto-off, and watchdog recovery.

Research & Achievements

Research Presentation: "Impact of Competitive Programming Skill on Career Development and Job Success." First National Research Conclave 2024, Military Institute of Science and Technology.

Certification: Cisco IT Essentials (2022)
https://www.credly.com/users/sajid-hasan-mahir/badges#credly