# ZAHED HASAN

**Computer Science Graduate | Flutter Developer | Aspiring AI Specialist**

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## PROFILE SUMMARY

A passionate Computer Science graduate with hands-on experience in mobile app development and a strong interest in Artificial Intelligence. Skilled in Flutter and Firebase with practical exposure to AI integrations such as GPT, speech recognition, and text-to-speech systems. Eager to pursue a Master's degree in Artificial Intelligence in Australia to deepen technical expertise and contribute to AI-driven innovation.

## CAREER OBJECTIVE

To pursue a Master's degree in Artificial Intelligence in Australia to expand my research and development capabilities. Upon completing my studies, I intend to return to Bangladesh to apply AI innovations in mobile learning and language technology.

## EDUCATION

**B.Sc. in Computer Science and Engineering**                                    **Sep 2019 - Dec 2024**

Daffodil International University, Dhaka, Bangladesh.
CGPA**:** 2.97 / 4.00 │ Result Published: 23 January 2025
Relevant Courses: Artificial Intelligence, Machine Learning, Algorithms, Data Structures, Database Systems, Software Engineering, Operating Systems.

## KEY ACHIEVEMENTS

Developed and launched 3+ mobile apps on Play Store and App Store.
Founded Speko AI, an AI-powered English-speaking practice app.
Co-founded VromonBuzz, a tourism startup with active users.
Strong foundation in AI, NLP, and modern mobile ecosystems.

## PROJECTS & PROFESSIONAL EXPERIENCE

**VromonBuzz – Tourism Platform (Startup)**                               **Jan 2021 – Dec 2023**

**Role:** Co-Founder & CEO | **Tech**: Flutter (Maintenance), Firebase

- Managed daily operations, marketing, and partnerships.
- Maintained Flutter mobile app: UI improvements, bug fixes, Play Store & App Store releases.
- Gained experience in team management, product strategy, and user-focused solutions.

**Farm to Table – Agri Commerce Platform**                               **Jul 2024 – Dec 2024**

**Role:** Solo Developer | **Tech:** Flutter, Firebase

- Developed a farm-to-consumer app connecting local farmers directly with buyers.
- Added multi-product booking, custom orders, multilingual support, and real-time notifications.
- Implemented Firebase Authentication, App Check, and Firestore for secure backend operations.
- Submitted as final year defense project demonstrating full-cycle app development.

**Speko AI – AI-Powered English Speaking Practice App**                  **Jun 2025 – Present**

**Role:** Founder & Developer | **Tech**: Flutter, Firebase, GPT, Deepgram, Google TTS

- Built an AI-powered speaking app that helps users improve spoken English through real-time conversation and pronunciation feedback.
- Integrated Deepgram (speech-to-text), GPT (conversation), and Google TTS (voice output).
- Designed a modern conversational UI with progress tracking, reminders, and gamified features.

## TECHNICAL SKILLS

**Languages :** Dart, Python, C, Java (Basic), SQL
**Frameworks & Tools :** Flutter, Firebase (Auth, Firestore, Storage, FCM, App Check), Git, REST API, SQLite
**Focus Areas:** Applied Artificial Intelligence, Machine Learning Integration, Natural Language Processing, Mobile App Intelligence, Speech & Voice Systems.

## PROFESSIONAL INTERESTS

Focused on applying Artificial Intelligence and Machine Learning in real-world mobile applications — particularly in speech technology, language learning, and user experience optimization. Passionate about developing AI-driven products that bridge human communication and technology.

## ADDITIONAL INFORMATION

IELTS: Overall Band Score 6.5 (No band less than 6) — May 2025

## LANGUAGE PROFICIENCY

Nationality: Bangladeshi
Date of Birth: 7th Aug 2000
Current Location: Dhaka, Bangladesh