

# SADMAN BIN KHORSHED AMIO

## STUDENT

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Portfolio: [https://sb-amio.github.io/My\\_Portfolio/](https://sb-amio.github.io/My_Portfolio/) | GitHub: <https://github.com/Sb-Amio>

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## CAREER OBJECTIVE

Motivated Computer Science & Engineering student with experience in web development, basic robotics, and software development. Knowledge in C, Java, Python, JavaScript. Built projects including robotics and web development. Eager to apply my academic knowledge and project experience in a professional environment while learning from industry experts and contributing to real-world solutions.

## EDUCATION

<b>B.Sc. in Computer Science and Engineering</b> CGPA: 3.91 University of Asia Pacific	<b>2022 - Ongoing</b>
<b>HSC</b> GPA: 5.00 Govt. Haraganga College	<b>2020</b>
<b>SSC</b> GPA: 4.94 Abdullapur High School	<b>2018</b>

## SKILLS

**Programming:** C, Java, Python, JavaScript  
**Framework:** Django  
**Web Development:** HTML, CSS, Bootstrap, Javascript  
**Mobile/Desktop App Development:** Java, JavaFX, Scene Builder  
**Database:** MySQL, SQLite

## PROJECT

### Bangla Text-to-Speech System (Ongoing – Thesis Project)

- Developing a Bangla TTS system capable of converting Bangla text into natural-sounding speech. Focused on improving pronunciation accuracy and natural intonation in generated speech.

### Online Book Store Management System - (Python, Django, HTML, CSS, Javascript)

**Project Live Link:** <https://amio201.pythonanywhere.com/>

- Allows users to browse, add to cart, and confirm orders, review items, donate unused books.
- Implements authentication, admin panel, and order history to track user orders.

### Incident Management System - (Python, Django, HTML, CSS, Javascript)

- Allows users to create incidents, update user information, update incident information.
- Volunteers can take actions, assign volunteers.

### Banking App - (Java, JavaFX, Scene Builder)

- Allows users to create account, check balance, cash in, cash out and view account summary.
- Admin can view accounts, summary, transactions etc.

## PUBLICATION

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Bangla Normalizer

**URL:** <https://pypi.org/project/bangla-normalizer/>

**Key features include:** A Python library (PyPI) standardizing diverse Bengali text—numbers, dates, currency, and nine other categories—into consistent Bangla word forms or IPA, enhancing NLP preprocessing and analysis.

**Installation:** `pip install bangla-normalizer`

## PARTICIPATION

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- Participated in Intra University Programming Contest, organized by Programming Club, CSE.
- Participated in the Math Olympiad 2.0, organized by Math Club, CSE.
- Participated in the Robo Fest, organized by Robotics Club, CSE.
- Participated in Competitive Programming Contest, organized by Project Club, EEE.

## ADDITIONAL INFORMATION

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- **Languages:** Bengali (Native), English.
- **Certifications:** Dean's Award Certificate, VC's Award Certificate, JavaScript Workshop Completion Certificate, Arduino 30 Days Workshop Completion Certificate.