



ALIFIA AFNAN POLOCK

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CAREER OBJECTIVE:

Seeking an entry-level position in a dynamic technology organization where I can apply my Computer Science and Engineering (CSE) knowledge, Flutter/Dart mobile app development skills, and SEO expertise to contribute to innovative Android and iOS application projects while continuously learning and growing as a software professional.

ACADEMIC BACKGROUND:

Exam Title	Concentration/Major	Institute	Result	Pas.Year	Achievement
B.Sc. in CSE	Computer Science & Engineering	University of Asia Pacific	3.45 out of 4	2024	Dean Award
HSC	Science	Central Womens College	4.25 out of 5	2020	-
SSC	Science	Barnamala Adarsha School & College	4.39 out of 5	2018	-

TECHNICAL SKILLS:

- Mobile Development:** Dart, Flutter
- Programming Languages:** Python, C, Java
- Web Technologies:** Python Django
- SEO & Digital Marketing:** Search Engine Optimization (SEO)
- Tools & Software:** TensorFlow Lite, Microsoft Office Suite (Word, Excel, Power Point).
- Operating Systems:** Windows, Linux

SOFT SKILLS:

- Strong Analytical and Problem-Solving Abilities:** Proven ability to break down complex issues (as demonstrated in thesis and project work).
- Teamwork and Communication:** Effective contributor in team-based academic projects and extra-curricular activities.
- Detail-Oriented:** Focus on delivering quality and accurate technical solutions.

UNDERGRADUATE THESIS & PROJECT WORKS:

- Thesis:** **Mimic-4 atrial fibrillation prediction:**
- Focused on predicting Atrial Fibrillation (AF) using clinical data from the MIMIC-IV database.
 - Achieved a 97% accuracy using a Convolutional Neural Network (CNN), demonstrating strong potential for early AF detection.
 - Technologies: Machine Learning, CNN, MIMIC-IV Data.
- Projects:** **Glance (Mobile Application):**
- A mobile app (built with Flutter and Dart) that performs real-time object detection.
 - Implemented TensorFlow Lite for efficient, pre-trained object detection model integration.
 - Features a smooth Flutter UI with responsive performance and seamless camera integration for live detection.
 - Technologies: Flutter, Dart, TensorFlow Lite, Android/iOS.

AWARD'S & ACHIEVEMENTS:

Dean's Award:

Recognized on the Dean's Honor/Merit List, an academic award for top-performing students in a specific semester at the University of Asia Pacific (UAP), Dhaka, and Asia Pacific International College (APIC), Australia.

Certificate of Achievement – Hardware Showcase, CSE Tech Carnival 2024

Software & Hardware Club and Robotics Club, CSE-UAP | February 2024

- Presented a hardware project demonstrating practical technical skills.
- Collaborated with a team, strengthening communication and problem-solving abilities.

EXTRA-CURRICULAR ACTIVITIES:

- **Software & Hardware Club and Robotics Club Member:** Active participation in departmental clubs.
- **Volunteer Activities:** Actively participated in various volunteer activities, including IEEE Day, PI Day, workshops, cultural events and blood donation camps.

LANGUAGE PROFICIENCY:

Language	Reading	Writing	Speaking
Bengali	High	High	High
English	Medium	Medium	Medium

INTERESTED:

- Personal development.
- Traveling outside

REFERENCES:

	Reference: 01	Reference: 02
Name	: Fahad Ahmed	Dr. Shah Murtaza Rashid Al Masud
Organization	: university of Asia Pacific	university of Asia Pacific
Designation	: Assistant Professor	Head of Department and Associate Professor
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Relation	: Academic	Academic