

# Md Kawsar Ahmed Kazol

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## Career Objective

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To pursue a demanding entry level software development role opportunity in a dynamic, competitive environment that will test my limits, broaden my technical knowledge and allow me to improve the dynamics of the organization.

## Technical Skills

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- **Programming Languages:** C, C++, Python, Java
- **App Development:** Android Studio, JavaFx
- **Web Development:** HTML, CSS, Bootstrap, JavaScript, PHP, Laravel
- **Database:** MySQL, Oracle SQL, Firebase, PL/SQL
- **Other Frameworks and Tools:** Git & GitHub, TensorFlow, OpenGL, LaTeX, Machine Learning

## Achievements

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- **Competitive Reward:** 12th position, Intra KUET Programming Contest 2022
- **KUET Technical Scholarships:** Sessions 2020-21
- **BDPhO:** Placed position in Bangladesh Physics Olympiad
- **National High School Programming Contest:** Placed 3rd in National and 1st in Divisional with 2 teammates

## Extra-Curricular Activities

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- **Datathon Participant:** Data competition on Kaggle
- **KUPC Participant:** Competitive Programming

## Education

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### B.Sc. in Computer Science and Engineering

Khulna University of Engineering & Technology (KUET)

2019 – Present

**Expected Passing Year:** 2025

## Problem-Solving Achievements

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- Solved 900+ programming problems and participated in onsite and online programming contests.
- **Codeforces:** Max Rating 1100, Solved 500+ problems
- **AtCoder:** Solved 150+ problems
- **LeetCode:** Solved 50+ problems
- **Light OJ:** Solved 30+ problems

## My Thesis (ongoing)

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My thesis, A Novel Approach to Android Malware Detection Using Fuzzy Analytic Hierarchy Process (Fuzzy AHP), addresses the challenges of malware detection in Android systems by prioritizing critical features and integrating machine learning techniques like Random Forest and XGBoost. Objects are to improve detection accuracy and recall through advanced ensemble models and feature engineering.

## Major Projects

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- **PetShop:** An online desktop application for pet sales and management.
  - *Tech Stack:* Java, JavaFx, MySQL
- **Real Estate:** A web platform for buying, selling and ordering real estate property.
  - *Tech Stack:* HTML5, CSS, Bootstrap, JavaScript, PHP, MySQL, Laravel
- **Travelia:** A travel and tour agencies to promote domestic tourism in Bangladesh.
  - *Tech Stack:* PHP,LARAVEL
- **Course Management System:** A database project to handle courses.
  - *Tech Stack:* Oracle SQL, PL/SQL
- **Incredible Chess Board:** An AI game that uses the Minimax and Alpha Beta Pruning algorithms.
  - *Tech Stack:* Python, Pygame
- **Cardiac Recorder:** An iOS app developed collaboratively using Git and GitHub.
  - *Tech Stack:* GitHub, Swift, Firebase
- **Pet Feeder:** An IoT project made with Arduino.
  - *Tech Stack:* Arduino, C++

## Links

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- **GitHub:** Pet Feeder project
- **GitHub:** Course Management System
- **GitHub:** Incredible Chess Board
- **GitHub:** Travelia web project
- **GitHub:** Real estate project
- **GitHub:** PetShop Desktop application
- **GitHub (Team Collaboration):** Cardiac\_Recorder iOS project

## Contact

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For further details or inquiries, please contact via the provided email or phone number.