Atiqul Islam Atik

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 LinkedIn | GitHub

SUMMARY

Passionate about Machine Learning, Artificial Intelligence, and Android development, with a strong desire to leverage software and ML solutions to solve real-world problems. Eager to learn, innovate, and contribute to cutting-edge technologies.

EXPERIENCE

- **Nibash**
  Co-founder   2022 - Present
  ◦ This is a mobile app to find available places for rent and compare prices and other facilities.

- **Special Group Interested in Programming Contest (SGIPC), KUET**
  Organizing Secretary   *2020 - Present*

- **Dr. M. A. Rashid Hall, KUET**
  Dining Committee   *2024 - Present*

- **BitFest 2025, 3rd KUET CSE National Fest**
  Event Organizer (IUPC)   *2025*

EDUCATION

- **Khulna University of Engineering and Technology (KUET)**   *January 2020 - Present*
  Computer Science and Engineering (CSE)   khulna, Bangladesh
  ◦ CGPA: 3.59/4.00

PATENTS AND PUBLICATIONS   C = CONFERENCE, J = JOURNAL, P = PATENT, S = IN SUBMISSION, T = THESIS

[C.1]   Atik *et al.*, "An Android Application for Healthcare Management System with ML-driven Solution," presented at the *27th International Conference on Computer and Information Technology (ICCIT 2024)*, Dhaka, Bangladesh, Dec. 2024. [Accepted].

[C.2]   G. George *et al.*, "Enhancing Fire Safety: Encoder-Decoder Based Detection and IoT-Driven Response System," presented at the *2024 2nd International Conference on Information and Communication Technology (ICICT 2024)*, Dhaka, Bangladesh, Oct. 2024. [Accepted] [2nd author].

[T.1]   Atik. (Ongoing). "Improving Efficieny of Neural Network Using Kolmogorov-Arnold Networks (KAN) on Image Dataset." Bachelor's Thesis, Department of Computer Science and Engineering, KUET.

ACHIEVEMENTS

- **500+ problems solved** on multiple Online Judges   [Codeforces], [LeetCode]

- **Champion** - Project Showcasing, IGNITION 2023 - National Mechanical Festival   *2023*

- **Champion** - Bdapps National Hackathon 2022 powered by Robi   *2022*

- **1st Runner-up (Hackathon)** - KU CSE Fest 2022 powered by Star Tech   *2022*

- **District Champion (Gaibandha)** - Srijonshil Medha Onneshon Protijogita   *2016*

PROJECTS

- **CardioCare - Healthcare Management System**   []
  An Android application for healthcare management with heart disease prediction using ML.
  ◦ Android Development and Machine Learning project
  ◦ Tools: Android Studio, Firebase, TensorFlow Lite, Google Colab, Figma

- **Hospital Management System**   []
  A web platform for managing healthcare operations, including patients, doctors, medicines, and billing.
  ◦ Web Development
  ◦ Tools: ASP.NET, HTML, CSS, JavaScript, MySQL

- **Tree Age Determination**   []
  Focused on estimating tree age using image processing techniques by analyzing tree ring patterns.
  ◦ Image Processing and Computer Vision

◦ Tools: Python, OpenCV, NumPy, Matplotlib

- **Bluetooth Control Survey Robot** [○]

  Bluetooth controlled vehicle measuring gas, smoke, temperature, humidity, and flame, with app display.

  ◦ Hardware Project

  ◦ Tools: Arduino

- **Hospital Database Design** [○]

  Database schema design for hospital management, including procedures and triggers.

  ◦ Database Development

  ◦ Tools: SQL, PL/SQL, Procedure, Trigger

SKILLS

Programming Languages:	C++, Python, Java, SQL
Data Analysis & Visualization:	Pandas, NumPy, Matplotlib, Seaborn
Web Technologies:	HTML, CSS, ASP.NET
Database Systems:	MySQL, SQLite, Firebase
Cloud & DevOps:	Git, GitHub, Google Cloud