Iftiazur Rahman

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Skills

Languages: Python, Java, C, HTML, CSS, JavaScript/TypeScript, SQL, Dart
Technologies: Data Analysis and Visualization, ML, Computer Vision, Data Structures, OOP, DBMS, Cloud
Frameworks and Tools: Power BI, MS Office,Tableau, TensorFlow, Flutter, Flask, ReactJS, NextJS, PostgreSQL, Prisma ORM, Git
Libraries: NumPy, OpenCV, SciKit, Pandas, TensorFlow, Keras, Matplotlib

Education

- **Central Institute of Technology Kokrajhar** — Assam, India
  B.Tech (ECE); CGPA: 7.47 — *October 2020 - June 2024*
- **BN College, Dhubri** — Assam, India
  Intermediate (10+2), AHSEC; Percentage: 66.6 — *Passed in 2019*
- **St. Stephen's School, Gauripur** — Assam, India
  10th, SEBA; Percentage: 81.66 — *Passed in 2017*

Projects

- **Camera-Based Attendance App for Multiple Faces** — Major Project
  GitHub:
  - **Developed**: An Android attendance app with multiple face recognition, primarily for educational institutes.
  - **Implemented**:
    - A multiple-face recognition model trained on SVC with a GUI for dataset creation.
    - A fully functional Android app with attendance tracking and automated Excel sheet updates.
    - An API built using Flask for interaction between the model and app.
  - **Tools and Libraries**: Python, Scikit-learn, face_recognition, OpenCV

Internship Experience

- **NIELIT KOKRAJHAR | Junior IT Instructor Intern** — KV Panbari, India
  LinkedIn Link — *Nov,2024*
  - **Taught**: Python Programming, Concepts and knowledge of Artificial Intelligence and Machine Learning as per NIELIT's AI/ML and Python Workshop
  - **Achieved**: Excellent performance from the students in their evaluation at NIELIT Kokrajhar
  - **Used**: various tools such as Google's Teachable Machine, AI for ocean(Code.org), various kinds of animation, etc for better understanding
- **Tech Booster | Python Developer Intern** — Guwahati, India
  Github Link — *June 2023 - July 2023*
  - **Developed**: A sophisticated face recognition based authentication and time tracking application with emotion detection feature for graph based result of emotions.
  - **Implemented**: A comprehensive solution with modules for real-time face detection and recognition. An xml file is generated for each face using the LBPH classifiers using dataset which can be created in realtime and stored, thus comparing the data in the xml file when a face is detected. It also features a dashboard for the time and emotion tracking implemented using the FER-13 dataset.
  - **Libraries and tools used**: Python, OpenCV, TensorFlow/Keras, Tkinter (for GUI), Matplotlib (for visualization), Haar Cascade Classifiers, FER-13 (Emotion)

Training and Certifications

- **Deloitte Australia Data Analytics Job Simulation**: Data Analysis, Forensic Technology, Tableau, Excel
- **PwC Switzerland Power BI Job Simulation**: Power BI, Data Visualization, Analytical Problem-Solving
- **AI Dashboards using Power BI**: Data visualization,Data Analysis , AI Dashboards
- **TCS YEP Training Program**: Programming, Analytical, Logical, Verbal, Reasoning
- **Qwiklabs Profile(Cloud)**: Google Cloud, GenAI
- **Responsive Web Design**: HTML, CSS, Responisive Web Design

Position of Responsibility

- **Chief Coordinator** — June 2023 - December 2023
  Training and Placement Cell, CIT Kokrajhar

Languages

- English, Hindi, Bengali, Assamese

Hobbies

- Dancing, Reading, Solving Puzzles