

NAFIS ASLAM

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EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)

MITx MicroMasters Program in Statistics & Data Science (Ongoing)

Edx
November 2025

UNIVERSITI SAINS MALAYSIA (USM)

Bachelor of Computer Science (Intelligent Computing)

Major in Intelligent Computing (Data Science); Minor in Management

CGPA: 3.32; Dean's List 3x

Penang, Malaysia
October 2025

IGNOU (INDIRA GANDHI NATIONAL OPEN UNIVERSITY)

Bachelor of Arts (English Honors- Distance Degree Program)

New Delhi, India
Jan 2020 - December 2025

MY MAJOR PROJECTS/VENTURES

MeedianAI Flow — Team and School Operations & Analytics Platform | Next.js · Drizzle · NeonDB · Vercel · Twilio

- Designed a full-stack system to manage a school: team management, collaboration, live-meeting, attendance, duty scheduling, WhatsApp updates, chat box, day open & day close reports, role-based dashboards, printable MRI/MOP/MSP reports.
- Integrated Delu-GPT (An AI-Model to automate the MeedianAI Flow App, still in process of training.)
- Implemented robust schema design (Drizzle ORM), authentication/guards, and manager views; integrated biometric attendance pipeline and report workflows.

DeepWork AI & Deep Calendar | YOLO · OpenCV · Media Pipe · Next.js

- Developed an AI-driven focus monitoring application for students to enhance productivity.
- Integrated YOLOv9 & v11-cls for real-time drowsiness and focus detection.
- Trained final model on ~1.1k images (original + 4 augmentation rounds); internal eval \approx 98% val accuracy; tracked class-wise P/R and mAP50.

WORK EXPERIENCE

Karken AI

Software Engineering Intern

School of Computer Sciences, USM, Penang

March 2023 – August 2023

- Shipped a **real-time Bursa Malaysia stock analysis** web app (React/Node) with interactive charts and responsive UX

YBI Foundation

Machine Learning Intern

Online

June 2024 – July 2024

- Built tabular ML pipelines and clean feature engineering; documented experiments to support data-driven choices.

Meed Public School

Superintendent

Shrikund, India

Jan 2018 – August 2022

- Directed administrative operations for a residential school, improving educational outcomes.
- Designed innovative teaching methodologies and optimized institutional workflows.

COURSES & BOOTCAMPS

Complete Machine Learning Course – Coding Ninjas | **6 Months Complete Data Science Program** – GeeksforGeeks | **1 year Data Structures in Java & Python** – Coding Ninjas | **Angela Yu Web Development Course** – Udemy | **Basic & Intermediate Python** – Kaggle

ADDITIONAL

Technical Skills: Python, TensorFlow, Scikit-learn, YOLO, JavaScript, PHP, HTML/CSS

Languages: Fluent: English, Hindi, Urdu | Conversational: Bengali

Awards: Gold Honor (International Youth Math Challenge 2020), District Topper (National Declamation Contest 2016)

Publications & Writing: Active Medium writer on topics like Data Science, AI, and NLP applications, aimed at simplifying complex concepts for broader audiences.