

# NAFIS ASLAM

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Sought Roles: **AI & Web Developer**, **AI/ML Researcher**, or **Data Scientist**.

## EDUCATION

### MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)

*MITx MicroMasters Program in Statistic & Data Science (Ongoing)*

Data Analysis (93%) | Machine Learning (83%) | Statistics (60%) | Probability (78%)

Edx(Online)

November 2025

### UNIVERSITI SAINS MALAYSIA (USM)

*Bachelor of Computer Science (Intelligent Computing)*

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

GPA: 3.73 | CGPA: 3.32 | Dean's List 3x | Gold (FYP)

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 — Take your Team towards Mastery | 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 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, Pandas, NumPy, TensorFlow, Scikit-learn, YOLO, React, PostgreSQL, Node.js, JavaScript, HTML/CSS, drizzle, MongoDB/Atlas, Vercel, Git/GitHub

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

**Awards:** Gold Award for Final Year Project (DeepWorkAI) | Gold Honor Top 2% (International Youth Math Challenge 2020)

**Publications & Writing:** Active Medium writer