**Md. Zahid Hasan**

Khilkhet, Dhaka

📱 :+8801860442927

✉️: zahidhasancode.ml@gmail.com

LinkedIn: https://www.linkedin.com/in/md-zahid-hasan-88321716a

## Objective

Highly motivated Machine Learning Developer with a strong academic background in computer science and a keen interest in cutting-edge machine learning technologies. I am seeking an opportunity to work with a collaborative and dynamic team where I can contribute my skills and learn from experienced professionals.

## Experience

**Devolvedai— Machine Learning Engineer** (11/2023-Present)

As a Machine Learning Engineer at DevolvedAI, I spearhead the development and deployment of "Luna," a state-of-the-art chatbot powered by large language models including Llama (7b, 13b, 70b), Falcon 70b, and Yi-34b. Leveraging AWS for hosting, I fine-tune these models with a custom dataset of 3000 lines, enhancing interaction quality. Additionally, I contribute to pioneering decentralized AI technologies for secure data processing in LLMs, employing tools such as RunPod and Vertex AI on GCP to optimize performance and scalability.

**Namespace IT— Machine Learning Engineer(remote)** (1/2023-12/2023)

At Namespace IT, my role as a remote Machine Learning Engineer focused on advancing AI education through the implementation of sophisticated computer vision algorithms and deep learning concepts. I crafted comprehensive technical documentation and clean code to facilitate AI learning, and designed an engaging online course with quizzes and practical projects on AI topics such as object detection, segmentation, and localization, hosted at www.aionlinecourse.com, enhancing learners' practical skills and theoretical understanding.

**Fortis Group — Jr Software Developer intern** (08/2022-11/2022)
- Developing Employee database using MariaDB
- Developing Employee IT asset management web application

## Education

**Bachelor of Science in Computer Science — Southeast University (2018-2022)**
**CGPA: 3.32**
**Bachelor of Arts in Islamic  Studies  — Islamic Arabic University (2017-2020)**
**CGPA: 4.00**

## Projects

- Fine-Tuning of the Yi-34B Language Model on a Custom Dataset
- Custom Dataset Integration and Enhancement of LLaMA 7B Model
- AI Generated Text Detecting Using BART
- Native Fruit Classification using ResNet-50: A Deep Learning Approach
- Shirt Defect Detection using a CNN-Based Model
- Automatic resume classification based on their domain using NLP
- Garments worker tracking and monitoring using YOLO V8
- The Impact of Sleep Patterns on the Dietary Habits of University Students During the Covid-19 Pandemic Using Multi-Classification
- Fake News Detection Using Machine Learning

Link: https://github.com/zahidhasancode

## Certifications

- Machine Learning Engineering for Production (MLOps) Specialization| DeepLearning.AI
- Generative Pre-trained Transformers (GPT) | University of Glasgow
- Generative AI with Large Language Models | DeepLearning.AI
- Generative Adversarial Networks (GANs) Specialization |DeepLearning.AI
- Convolutional Neural Networks | DeepLearning.AI
- Machine Learning Specialization | Stanford University
- AWS Cloud Technical Essentials | AWS
- AWS Fundamentals: Addressing Security Risk | AWS
- Agile Project Management | Google
- Exercising Leadership: Foundational Principles | Harvard University

## Volunteer Experience

Brand Ambassador at Southeast University (2019-2022)

## Publications

- Forecasting Student Clothes Purchase Intention in Bangladesh: A Machine Learning Approach

Link: https://www.ijrte.org/portfolio-item/F74950311623/

- Prediction of University Students' Purchase Intention Based on Bangladeshi Branding Clothes Using Machine Learning
  Southeast University Journal of Computing Science

## Achievements

- Aspire Leader 2023 – Harvard Business School
- SEU-Inter-university Programming Contest -2019 (3rd)
- Dutch Bangla Bank HSC Scholarship -2017

## Skills

- **Programming Languages:** C/C++, Python, Arduino, and SQL.
- **Technologies:** MLOps, Kubernetes, Docker, CI/CD Pipelines
- Experience with Pandas, Scikit-Learn, Tensorflow, Pytorch, and OpenCV
- **Fields:** Machine Learning, Computer Vision, NLP, GAN, LLMs
- **Platforms:** AWS Cloud, GCP, Vertex AI , Runpod
- **Project Management :** Jira, Trello, Agile Project Management