ARSHAD ABEDIN ABIR

BLOCK F, BASHUNDHARA R/A, DHAKA
PHONE:01753503887,
EMAIL: abirarshadabedin@gmail.com
GitHub: https://github.com/arshad2002
LinkedIn: https://www.linkedin.com/in/arshadabedin

PERSONAL STATEMENT

I am a computer science student deeply passionate about data science and AI engineering, with a strong foundation in deep learning and machine learning. Through hands-on projects like fine-tuning CNN models and implementing MobileNet variants, I have developed practical expertise in building predictive and analytical models. While my primary focus is on AI-driven innovations, I also have experience in software development using tools like Node.js, Next.js, and Python.

Career Objective

To excel as an AI engineer and full-stack developer by leveraging advanced machine learning techniques, AI frameworks, and comprehensive software development expertise to build innovative solutions, drive technological advancements, and solve complex real-world problems for businesses and society.

EDUCATION QUALIFICATION

- **Bachelor of Science in Computer Science and Engineering**
  American International University – Bangladesh
  2022-2025 | CGPA: 3.76

- **HSC**
  Birshreshtha Noor Mohammad Public College
  2018-2020 | GPA: 5.00

- **SSC**
  Thakurgaon Government Boys High School
  2010-2018 | GPA: 5.00

SOFTWARE SKILLS

- AI/ML Frameworks: Keras, TensorFlow, Scikit-learn
- Web Development: Node.js, Nest.js, Next.js, Django
- Databases: SQL, PostgreSQL, MongoDB
- Programming Languages: Python, Java, JavaScript, C#
- Others: Linux, Git, Web Scraping

CERTIFICATION

- **Machine Learning with Python**
  Gained hands-on experience in machine learning techniques, including regression, classification, clustering, and model evaluation. Covered Python libraries like Scikit-learn and explored real-world applications of ML models.
  Link: https://coursera.org/share/0201284a39091cf87a033ac1fd9f25b1

- **Introduction to Deep Learning & Neural Networks with Kera's**
  Learned the fundamentals of deep learning, focusing on building and training neural networks using Keras. Explored key concepts like activation functions, loss functions, and optimization algorithms while implementing practical projects.
  Link: https://coursera.org/share/9f9ba656e027f2ca289d8662799b9758

PROJECTS

- **Measuring Concrete Strength**
  Analyzed a dataset to predict the compressive strength of concrete by building a neural network with Keras.
- **Face Detection**
  Developed a CNN model using ResNet50 and fine-tuned MobileNetV3Large for high-accuracy face recognition across 56 classes with TensorFlow.
- **Web Scraping Movie Lists Using BeautifulSoup**
  Built a web scraping tool to extract and analyze movie information from a movie listing website using Python's BeautifulSoup library.
- **Inventory Management System**
  Designed and implemented an Inventory Management System to streamline inventory tracking, stock updates, and order management. Built with Next.js for the front end and Nest.js for the back end, integrated with PostgreSQL.

PERSONAL INTERESTS

- Playing chess
- Competitive programming

REFERENCES

Dr. Debajyoti Karmaker
Associate professor, Head [UG]
American International University, Bangladesh
Email: d.karmaker@aiub.edu

HOSSNARA AKTER
AGM, Audit & Credit Control
AmberIT
Email: moni@amberit.com.bd