

# Md. Injamul Haque

[injamul-abeg.github.io](https://injamul-abeg.github.io) | [LinkedIn](#) | [GitHub](#) | [Uva](#)

Location: Dhaka, Bangladesh

Email: [injamul.abeg@gmail.com](mailto:injamul.abeg@gmail.com) | Mobile: +8801673042978

## SOFTWARE ENGINEER

---

As a Software Engineer, I possess proficiency in Image Processing, Computer Vision, Mobile and Web Development, and Motion Design. My deep interest lies in harmoniously blending these areas to craft my own distinctive workflow.

## TECHNICAL SKILLS

---

<b>Languages</b>	: C++, Java, Kotlin, Python
<b>Frameworks</b>	: TensorFlow, Flutter, Django
<b>Libraries</b>	: OpenCV, Numpy, Matplotlib, Keras
<b>Databases</b>	: MySQL, NoSQL, PostgreSQL
<b>Web Design</b>	: HTML, CSS, JavaScript, Bootstrap
<b>Dev Tools</b>	: Android Studio, Eclipse, Pycharm, Jupyter Notebook,
<b>Design Tools</b>	: Figma, Adobe Photoshop, Adobe Illustrator, Adobe After Effects
<b>Other Skills</b>	: LaTeX, Git

## EXPERIENCE

---

### Motion Designer

*Musical Wind*

January 2024 – Present

*Dhaka, Bangladesh*

- As a Motion Designer, I specialize in crafting visually captivating animated music videos using **Adobe Illustrator** and **After Effects**. Bringing narratives to life through dynamic animations and synchronized motion graphics is my forte
- Additionally, I am actively involved in building a portfolio website for my present company. This project reflects my commitment to showcasing innovation and providing a seamless user experience in the digital space.
- I aim to leverage my expertise in motion graphics to enhance web design, with the goal of creating visually interactive websites that enchant and engage users in innovative ways.

### Software Engineer

*Inovex Idea Solution Limited*

January 2023 – December 2023

*Dhaka, Bangladesh*

- \* Contributed to the existing Mobile Device Management (MDM) and EMI Locker Android Applications based on **Java**.
- \* Worked with **REST APIs** to retrieve and display data from web services, enhancing the functionality and interactivity of the application.
- \* I actively contributed to the design of the company's portfolio website, utilizing **HTML, CSS, JavaScript, and Bootstrap** to create a visually appealing online presence.

### Research Assistant (Computer Vision)

*Department of Computer Science and Engineering, Jahangirnagar University*

August 2020 – January 2022

*Savar, Dhaka, Bangladesh*

- \* Collected and prepared large datasets for computer vision research projects.
- \* Developed and implemented computer vision algorithms using **openCV, CNN, Autoencoder, and GAN**.
- \* Conducted experiments to evaluate the performance of computer vision algorithms and analyzed the results.
- \* Actively engaged in continuous learning and skill development to stay updated with the latest advancements in computer vision.

### Teaching Assistant

*Department of Computer Science and Engineering, Jahangirnagar University*

July 2019 – December 2019

*Savar, Dhaka, Bangladesh*

- \* My responsibilities at the computer laboratory in the Department of Computer Science and Engineering included collaborating with teachers to support them in their project endeavors.

## EDUCATION

---

**Jahangirnagar University**  
*Master of Science in Computer Science and Engineering*

Savar, Dhaka, Bangladesh  
January 2020 – March 2022

**Jahangirnagar University**  
*Bachelor of Science in Computer Science and Engineering*

Savar, Dhaka, Bangladesh  
April 2014 – May 2019

## PROJECTS

---

### **Object Detection using Vision Transformer.**

[Source Code](#)

- \* Implemented an advanced object detection system leveraging **Vision Transformer** architecture.
- \* Developed a robust solution for detecting and classifying objects in images.
- \* Utilized cutting-edge technologies to achieve state-of-the-art performance in computer vision tasks.

### **Image Quality Metrics Comparison.**

[Source Code](#)

- \* Conducted a comprehensive analysis of image quality using various metrics, including Mean Squared Error (MSE), Structural Similarity Index Measure (SSIM), and Peak Signal-to-Noise Ratio (PSNR).
- \* Evaluated and compared the performance of these metrics across different sets of images.
- \* Provided insights into the strengths and limitations of each metric in assessing image quality.

### **Find Device Address with Geocoding API Using Java (Android).**

[Source Code](#)

- \* Implemented a location-based service using the Android Location Manager to obtain accurate longitude and latitude coordinates.
- \* Integrated the Geocoding API to translate obtained coordinates into human-readable addresses.
- \* Developed a seamless solution for efficiently retrieving and displaying device locations on-demand.

### **News App Using Java (Android).**

[Source Code](#)

- \* Integrated the News API to fetch and display real-time news articles from diverse sources.
- \* Successfully developed a feature-rich news app with a focus on user experience and accessibility.
- \* Overcame challenges related to API integration, offline functionality, and error handling to deliver a seamless news browsing experience.

## MANAGEMENT AND LEADERSHIP SKILLS

---

- Demonstrated leadership as a group leader on multiple projects, showcasing the ability to coordinate and guide teams toward successful outcomes.
- Organized seminars and workshops as an executive member during my bachelor's degree at Jahangirnagar University, highlighting strong organizational and event management skills.
- Engaged as a Member of the Jahangirnagar Photographic Society, participating in a community of like-minded individuals passionate about photography and visual storytelling.

## PROFESSIONAL CERTIFICATIONS

---

- [Programming for Everybody](#) (online course offered from University of Michigan via Coursera with certificate).
- [Python Classes and Inheritance](#) (online course offered from University of Michigan via Coursera with certificate).
- [Python Data Structures](#) (online course offered from University of Michigan via Coursera with certificate).
- [Elements of AI](#) (Online course offered from the University of Helsinki and Reaktor with certificate).
- [Neural Networks and Deep Learning](#) (online course offered from deeplearning.ai via Coursera with certificate).
- [Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning.](#) (deeplearning .ai)
- [Convolutional Neural Networks in Tensorflow](#).(deeplearning .ai)
- [Advanced Computer Vision with Tensorflow.](#) (deeplearning .ai)
- [Foundation Photography course from Pathshala South Asian Media Institute](#)

## REFERENCES

---

- **Sarnali Basak**  
Associate Professor  
Department of Computer Science and Engineering, Jahangirnagar University.  
Email: [sarnali.cse@juniv.edu](mailto:sarnali.cse@juniv.edu)  
Website: [juniv.edu/teachers/sarnali.cse](http://juniv.edu/teachers/sarnali.cse)
- **Tahsina Hashem**  
Assistant Professor  
Department of Computer Science and Engineering, Jahangirnagar University.  
Email: [tahsina.hashem@juniv.edu](mailto:tahsina.hashem@juniv.edu)  
Website: [juniv.edu/teachers/tahsina.hashem](http://juniv.edu/teachers/tahsina.hashem)
- **Arnab Kumar Shil**  
DevOps Engineer  
Coöperatieve Rabobank U.A., Netherlands.  
Email: [arnab@ruddra.com](mailto:arnab@ruddra.com)  
Website: <https://ruddra.com>
- **Kazi Shehmaz Islam**  
Software Engineer  
Dragon Information Technology and Communication Ltd (DITCL).  
Email: [shehmazantik@gmail.com](mailto:shehmazantik@gmail.com)