

AL ZILQAD TONoy

Self-motivated individual who strives to achieve lifelong learning and self-improvement. Highly passionate about software development and machine learning, looking for a challenging career where acquired knowledge and technical skills can be efficiently utilized to contribute and grow alongside the company.



CONTACT

✉ : alzilqad@gmail.com
☎ : +8801761063256
📍 : Ruposhi Pro-active Village,
Mirpur 15, Dhaka, Bangladesh
📄 : alzilqad.github.io/portfolio
🔄 : github.com/alzilqad
🌐 : linkedin.com/in/alzilqad

HARD SKILLS

Programming Languages

Python, PHP, JavaScript, Java,
HTML & CSS, C#, C++, C

Frameworks & Libraries

Laravel, Django, Flask, Node.js,
Express.js, React.js, Bootstrap,
jQuery, Scikit-learn, TensorFlow,
Keras, NumPy, Matplotlib, Pandas

Database

MySQL, MongoDB, Firebase

Tools

Version Control, Adobe XD, Figma,
Jira, TestLink, MATLAB, Weka

SOFT SKILLS

- Persistence
- Analytical Thinking
- Creative Vision
- Active Listening
- Adaptability
- Multitasker

EDUCATION

- **Bachelor of Science in Computer Science and Software Engineering**
2018-2021
American International University- Bangladesh
 - CGPA: 3.96 (Out of 4.00)
 - Dean's Award
 - Merit-based Academic Scholarship
- **Higher Secondary School Certificate**
2015-2017
Rajshahi Government City College
 - GPA: 5.00 (Out of 5.00)
- **Secondary School Certificate**
2013-2015
Rajshahi Collegiate School and College
 - GPA: 5.00 (Out of 5.00)

EXPERIENCE

- **Software Engineer**
January 1 - Present
Zaibo Ltd
 - Analyze, design, develop and maintain web application with new technologies when relevant
 - Write and test code, refactoring it as necessary and collaborating with the programmers in an agile development environment
 - Troubleshoot and modify the existing application and integrate new features into it
 - Maintain and improve existing codebases and peer review code changes
 - Actively seek ways to improve technical and business software processes and interactions

PROJECTS

- **Rental Service Management System: ZAAIBO** 🔗
Technologies: Laravel, Node.js, PHP, JavaScript, HTML, CSS, Bootstrap, MySQL, Firebase, jQuery, Ajax, NPM, Version Control
- **Customer Relationship Management System** 🔗
Technologies: Laravel, Node.js, PHP, JavaScript, HTML, CSS, Bootstrap, jQuery, Ajax, MySQL, NPM, Version Control
- **E-commerce Web Application** 🔗
Technologies: Laravel, Node.js, PHP, JavaScript, HTML, CSS, Bootstrap MySQL, jQuery, Ajax
- **Content Management System** 🔗
Technologies: Django, Python, HTML, CSS, Bootstrap, jQuery, MySQL, Version Control
- **Tour Guide Website** 🔗
Technologies: Node.js, Express.js, JavaScript, HTML, Bootstrap, jQuery, MySQL, NPM, Version Control
- **Online Store Website: Onek Dokan Shop** 🔗
Technologies: React.js, JavaScript, Redux, HTML, SASS, MySQL, NPM, Version Control
- **Human Resource Management System** 🔗
Technologies: PHP, HTML, CSS, Bootstrap, Ajax, jQuery, MySQL, Version Control
- **Shoptlifting Detection** 🔗
Technologies: Python, TensorFlow, Keras, OpenCV, scikit-learn, NumPy, Matplotlib
- **Face Mask Detection** 🔗
Technologies: Python, TensorFlow, Keras, OpenCV, scikit-learn, NumPy, Matplotlib

LANGUAGES

- Bengali (Native)
- English (Fluent)
- Hindi (Fluent)

ACHIEVEMENTS

- Dean's Award
- Merit-Based Academic Scholarship

HOBBIES

- Creative Writing
- Animation
- Travelling

RESEARCH WORKS

- **Undergraduate Thesis Project: Shoplifting Detection Using Transfer Learning** 15th August, 2020
 - Build a custom dataset
 - Implement multiple pre-trained neural network models
 - Performance comparison between multiple pre-trained models
 - Detect and alert multiple threat levels
- **Deep-WET: Identification of DNA-binding Proteins Using CNN with Word Embedding Techniques** 1st August, 2021
 - Implement three feature extraction techniques: Word2Vec, GloVe, and FastText
 - Implement three feature selection techniques: RFE, Lasso, and SHAP
 - Implement four classifiers: SVM, XGBoost, LightGBM, and CNN
 - Performance comparison based on different feature encodings and multiple classifiers

CERTIFICATIONS

- Mathematics for Machine Learning Specialization Coursera
[Credential Link](#)
- Neural Networks and Deep Learning Coursera
[Credential Link](#)
- Google IT Automation with Python Specialization Coursera
[Credential Link](#)
- Project Management: The Basics for Success Coursera
[Credential Link](#)
- Learning How to Learn: Powerful mental tools to help you master tough subjects Coursera
[Credential Link](#)

REFERENCES

- Dr. Tabin Hasan
Associate Professor
Head, Graduate Program
Department of Computer Science
American International University-
Bangladesh
Email: tabin@aiub.edu
- Md. Kishor Morol
Lecturer
Undergraduate Program
Department of Computer Science
American International University-
Bangladesh
Email: kishor@aiub.edu