MD. MARUF HOSSAIN

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EDUCATION

- **B.Sc in Computer Science & Engineering First Class (CGPA 3.05/4)**
  Rajshahi University of Engineering & Technology
  2016-2021

- **Higher Secondary Certificate (GPA 5)**
  Rangpur Government College, Rangpur
  2013-2015

- **Secondary School Certificate (GPA 5)**
  Rangpur Zilla School, Rangpur
  2013

EXPERIENCE

- **Institute Of Technical Training Rajshahi (ITTR)**
  Technical Trainer
  (JUN 2018 – DEC 2020)

  – Prepare students for basic trade course exam which was taken by polytechnic institute board.
  – MS Word, Excel, Power Point, Access, Database Management, and Computer Programming are among the courses available.
  – Prepare class lectures and study materials.
  – Maintain all the setup of computer lab and its networks arrangements.

SKILLS

- **PROGRAMMING**
  C/C++, JavaScript, Python, PHP, OOP, Data Structure and Algorithm

- **UI /UX**
  Figma, Adobe Photoshop, Wireframing

- **WEB DEVELOPMENT (FRONT END)**
  React, HTML, CSS, JavaScript (ES6), Tailwind CSS

- **DATABASE**
  SQL, MongoDB

- **LIBRARIES and TOOLS**
  Git, NodeJS, Express, API, Keras, Kaggle, TansorFlow, Scikit-learn, NPM, Wordpress, Elementor

SELECTED WORKS

- **Resume Website** [(Github)] [Live]
  It's a portfolio website to show the Biodata and showcase professional work. Attractive slideshows and animations have been used on this responsive website. Some popular plugins have been used to make the site more interactive.
  - Platforms: JavaScript, CSS, HTML, jQuery

- **E-Commerce Website** [(Github)] [Live]
  An unusual e-commerce website built with Tailwind CSS for the quick conversion of any psd design into a website.The website shows products in different categories.
  - Platforms: JavaScript, Tailwind CSS, HTML, jQuery

- **Food Ordering Application** [(Github)]
  The concept of "Single Page Application" was implemented while playing around with this progressive JavaScript library React. Data has been processed using REST API. React Context API is used to calculate orders and their price in cart.
  - Platforms: Tailwind CSS, React Hooks, Routing, Context API

- **Vue JS Cart App** [(Github)][Live]
  Functional implementation of a cart app like add, delete, update, and search has been done on fetched items from the REST API. Vuex has been used for state management.
  - Platforms: Tailwind CSS, Vue (version 2), Vue Routing, Vuex

PUBLICATION

- **Skin Cancer Classification Using Ensembles of Multi-scale EfficientNet Model** [BIM 2021]
  The research is based on deep learning methods applied to more than 33,000 sample images. The Ensemble method has been applied to five different EfficientNet models' outputs. The findings were presented and published at the "International Conference on Big Data, IoT, and Machine Learning (BIM2021)."
  - Platforms: Python, TensorFlow (Keras), NumPy, Pandas, Kaggle

REFERENCES

- **Emrana Kabir Hashi**
  Assistant Professor, CSE, RUET
  E-mail: emranakabir@gmail.com