ANIMESH KARMAKAR

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EMPLOYMENT

Software Engineer	**Cluster Cloud Corporation.**	Jan 2020 – Present

- Full-stack Developer, Back-End Engineer in Android application development team, write python scripts for gathering data for analysis.
- Built a system management software for Royal Enterprise. This provided the user an amenity to complete the management process on the website page, handling customer data, distributor data very rapidly and can generate feedback like sales-report, invoice memo and can generate pdf of invoice & sales report.
- Built a lead site to take order for various lead services.

LANGUAGES AND TECHNOLOGIES

- Programming Languages – C, C++, PHP, HTML5, CSS3, SQL, Python, JavaScript.
- Operating System - Windows, Linux.
- Database – MySQL.
- Frameworks and tools – Laravel, Bootstrap, jQuery, Ajax.
- Others – Git, LESS, SASS, REST/JSON API's, Data Structures and Algorithms, OOP Concepts, system design.

EDUCATION

Institute – Pabna University of Science and Technology, Pabna 6600, Bangladesh.	May 2014 – Nov 2019

- B.Sc Engineering in Computer Science and Engineering. CGPA: 3.26/4.
- Main coursework: Data Structures, Design and analysis of Algorithms, Computer Architecture & Organization, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering.

Institute – Nawabganj Govt. College, Chapai-Nawabganj-6300, Bangladesh.	Passing Year - 2012

- Higher Secondary School Certificate: Science Division. GPA: 4.60/5.00

Institute – Chamagram H.N High School, Chapai-Nawabganj-6300, Bangladesh.	Passing Year - 2010

- Secondary School Certificate: Science Division. GPA: 5.00/5.00

PROJECT WORKS

Social Networking site: *https://github.com/animeshkarmakarAK/PustCON*
A user panel of social networking site, where a user can make groups and can connect with other users through group, the features have in this project are group News feed, profile, Notification, settings, suggestion and used languages are PHP, HTML5, CSS3 and JavaScript.

Image Gallery: *https://github.com/animeshkarmakarAK/Imaga-gallery*
An Image gallery where admin can upload picture with details and can manage pictures and a user can only see the pictures, can found all the details about picture, can save It and can contact with admin by sending email which has built for self-interest by using Laravel 5.8, Bootstrap 4, JavaScript, HTML5, CSS3 languages.

E-commerce site: *https://github.com/animeshkarmakarAK/jeansHouse*
A full e-commerce site where admin can add products with full specification of product and in user panel user can buy a product by adding it to cart and further shipping. Stripe API is used for payment gateway. Used technologies are PHP Framework Laravel 5.

Cricket Scoreboard: *https://github.com/animeshkarmakarAK/cricket-scoreboard*
   Mini project 'Cricket Scoreboard' to manage cricket match score by using C++ OOP paradigm.

PUBLICATION

Analysis of Wisconsin Breast Cancer Original Dataset: Using Machine learning algorithms for Breast Cancer prediction, Pabna University of Science and Technology- Bangladesh, CSE-4500 final thesis
https://www.journalbinet.com/jstei-090220-67.html

- Model Building: Used python language, scikit-learn library to build model of five most popular supervised machine learning algorithms (Naïve Bayes, Support Vector Machine, Multilayer Perceptron, Random Forest, Decision Tree) and analysis of these algorithms using bunch of different metrics critically which helped to find out bias in data.
- Feature Selection and Extraction from data: Used python to build Univariate Selection model to the purpose of extract feature and select best features to remove data redundancy to improve model performance.

OTHERS CERTIFICATIONS

- Applied Machine Learning in Python   **Coursera**   **Issued**: July 2020

   Credential url: https://coursera.org/share/ea93ae9e459c61e949e0ff78a0f4476d