



# NITISH BISWAS

App Developer, Researcher

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**Research Interest:** Quantum Computing, Machine Learning, Cyber Security, Image Processing, Artificial Intelligence.

## EDUCATION

**Dhaka International University**

*Dhaka, Bangladesh*

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

*Aug, 2018 – Sep, 2022*

- **Project and Thesis Title:** Machine Learning-based Hybrid Stroke and Cancer Prediction Applications: A Predictive Analytics Approach.
- **Result:** CGPA – 3.98(out of 4)

## EXPERIENCE

**Research Assistant of Dr. Hafiz Md. Hasan Babu,**

*Dhaka, Bangladesh*

Dean, Faculty of Engineering and Technology, Dhaka University.

*Jul, 2020 – Sep, 2022*

## PROJECTS

*Web Application*

1. FakeShop Application using React, Redux, Bootstrap, Local Storage, and IndexDB.
2. Expense Tracker Application using React, Bootstrap and Local Storage.
3. YouTube Clone Application using React, Firebase Authentication, and Bootstrap.
4. GitHub Users using React, Local Storage, IndexDB and Bootstrap.
5. Shadow Generator web app using React and Bootstrap.
6. Stroke Prediction Application using React, Python, Local Storage and Bootstrap.
7. Heart Disease Diagnose Application using React, Python and Bootstrap.
8. Breast Cancer Prediction Application using React, Python, Local Storage and Bootstrap.
9. Malicious URL Detection Application using React, Python, and Bootstrap.
10. Lung Cancer Prediction Application using React, Python, Local Storage and Bootstrap.

*Mobile Application*

1. Chat App for Mobile using React Native with firebase and push notification.
2. Stroke Prediction Application using React Native, Python, and Async Storage.
3. Store Password Application using React Native with Firebase Realtime database and Firebase Authentication.
4. Breast Cancer Prediction Application using React Native, Python, and Async Storage.
5. Store Password Mobile application using React Native with MySQL Database and ExpressJS.
6. Lung Cancer Prediction Application using React Native, Python, and Async Storage.
7. To-Do List Mobile application using React Native with local storage.
8. Malicious URL Detection Application using React, and Python.
9. Tic-Tac-Toe Game using React Native.

## TRAINING -----

- ✓ Complete Guide to Android & IOS App Development with React Native from DevSkills. ([Certificate](#))
- ✓ React Native - The Practical Guide from Udemy.
- ✓ React Native for Multiplatform App Development from Bohubrihi. ([Certificate](#))
- ✓ The Complete React Course from Pondit.
- ✓ The Complete React Redux Node Express MySQL Developer Course from Udemy. ([Certificate](#))
- ✓ HTML, CSS, React - Certification Course for Beginners. ([Certificate](#))
- ✓ Spoken English in S@ifurs.

## SKILLS -----

**Programming Language** JavaScript (*React, React Native, Node.js*), Python (*Machine Learning, Flask*), Java, C.

**Problem Solving** Solved more than **250** problems from URI, toph, codeforces, and HackerRank.

**Version Controlling System** GitHub, Git.

**Text Processing** Latex, Microsoft Office.

**Language** Bengali, English, Hindi

## PAPER AND PUBLICATIONS -----

### *Journal*

1. N. Biswas, K.M.M. Uddin, S.T. Rikta et al., A comparative analysis of machine learning classifiers for stroke prediction: A predictive analytics approach, Healthcare Analytics (2022), **doi:** <https://doi.org/10.1016/j.health.2022.100116>. (Publisher: Elsevier).

### *Conference Papers*

1. H. M. H. Babu, K. M. M. Uddin, R. B. Himel and N. Biswas, "Quantum Technology for Comparator Circuit," 2022 23rd International Symposium on Quality Electronic Design (ISQED), 2022, pp. 1-1, **doi:** [10.1109/ISQED54688.2022.9806275](https://doi.org/10.1109/ISQED54688.2022.9806275).
2. H. M. H. Babu, K. M. M. Uddin, N. Biswas and S. T. Rikta, DNA Multiplier: A Design Architecture of a Multiplier Circuit Using DNA Molecules, London, United Kingdom. [link](#)

## CURRICULUM ACTIVITIES -----

- ✓ Member of Dhaka International University Programming Club.
- ✓ Member of Bangladesh Data Science Society.
- ✓ As an organizer of Mujib Borsho IT carnival 2020, DIU.

## REFERENCES -----

1. **Dr. Hafiz Md. Hasan Babu, PhD (Kyushu Institute of Technology, Japan)**
  - Dean, Faculty of Engineering and Technology, Dhaka University.
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  - Professor, Department of Computer Science and Engineering, Dhaka International University.
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