# Md Osman Gani Khan Masum
## Full Stack Web Developer

## 📁 Projects

- **Personal Projects:**

  - **bmdr.org.bd**  [Client Production]

    Laravel, PHP, JavaScript, MySQL, HTML, CSS

    Developed for Bangladesh Bone Marrow society to keep record of patients, doners and provide help in case of transplanting bone marrow to reduce Blood Cancer and like many other diseases.

  - **Lsapp**

    Laravel, PHP, Vue.JS, MySQL

    A blog site includes Auth, User Dash Board, Login/Registration, Edit, Delete of posts.

  - **omasum.info**

    Laravel, PHP, HTML

    My personal website. I designed its UI and worked on its both end. Willing to deploy it on Cloud.

- **University Projects:**

  - **Currency detection using Image Processing(CNN)**

    Python, Tensorflow, CNN, Machine Learning

    My key responsibilities was to invoke Tensorflow, Optimize CNN, assemble codes upgrade and maintian accuracy.

  - **bluecollers**

    PHP, MySQL, JavaScript, HTML, CSS, bootstrap

    A web software to provide nearest handy mans to user. I made its architecture and worked on its Back End.

  - **Converter Desktop app**

    Java, Java GUI

    A team work where I designed the algorithm, made its architecture, and debugged.

## ⟨/⟩ Skills

- **Technical Skills:**

  - PHP, Python, JavaScript, Java, C
  - Laravel, Angular
  - Amazon's AWS (S3, RDS, EC2 )
  - Relational Data Base (MySQL, SQL)
  - Non Relational Data Base (MongoDB)
  - MVC Architecture
  - API ( ReST )
  - PHPUnit
  - Composer, npm
  - HTML,CSS, Bootstrap
  - AJAX, JSON, JQuery
  - Git, Github

- **Programming Skills:**

  - Online Judges(Hacker Rank, codeforces, URI)
  - Design Patterns

## About Me

A motivated polyglot programmer. Passion in Full Stack Development with strong logical, analytical and leading skills, with the ability to work individually as well as in a team

## Language

- **English**  Proficient
- **Bangla**  Native

## Contact Info

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- 🏠 Mohammadpur, Dhaka, Bangladesh

## Personal Info

- Nationality : Bangladeshi

## Links

- github.com/Masum-Osman
- stackoverflow.com/users/7086610/masum-osman-khan
- twitter.com/masum_osman
- linkedin.com/in/md-osman-gani-khan-masum-b36826b9/

## Personal Interest

- Augmented and Virtual Reality
- Open Source Contribution
- Data Science and Security
- Cloud Computing

# Open Source Contributions

- **www.laravel.com.bd**
  Official website of Laravel in Bangla Language. Forked and marging along side with **www.laravel.com**. As a team member of this organization I have done most of its translation into Bangla.

- **docs**
  contibution to the documentation of Laravel, translating them into Bangla language.

  github.com/Masum-Osman

# Undergraduate Research

- **A Convolution Neural Network based Classification Approach for Recognizing Mangrove family trees.**

  an application to define out the trees of mangrove forest (Sundarban) where user can upload a picture of a tree He/She wants to know about, then our system will tell the user about what tree it is after relegating it from our data server by going through CNN.

# Education

- **B. Sc. in Computer Science and Engineering**                    2015-2019
  Daffodil International University
  CGPA: 3.76 out of 4.00

- **Higher Secondary School Certificate**                    2012-2014
  Kazi Mohammad Shafiqul Islam College
  GPA: 5.00 out of 5.00

- **Secondary School Certificate**                    2010-2012
  Madhabpur Pilot High School
  GPA: 5.00 out of 5.00

# References

- Syed Akhter Hossain, PhD
  Professor and Head
  Department of Computer Science and Engineering
  Daffodil International University
  www.daffodilvarsity.edu.bd