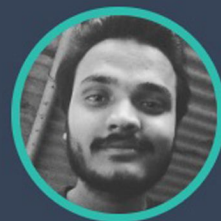


# Bibek Kumar Kushwaha

Software Developer, Deep learning enthusiast, Learner

To achieve a career in a progressive environment where learning, innovation and creativity are encouraged, where my skills & knowledge can be enhanced to their maximum potential to contribute to the overall success and growth of the organization.



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in linkedin.com/in/bibek-kumar-8a3b08142

🐙 github.com/amarbibek

## WORK EXPERIENCE

### Software Developer

Exolutus Pvt. Ltd. [🌐](#)

06/2017 – 08/2018

Kathmandu/Nepal

#### Achievements/Tasks

- Built applications on .Net, C# MVC5, N-tier architecture.
- Modify existing software to correct errors, allow it to improve its performance.
- Develop and direct software system testing and validation procedures, programming.
- Designed, created and monitored databases.

Contact: Ravi Verma(Project Lead) – ravi.verma@exolutus.com

## PROJECTS

### Get IT (04/2018 – 07/2048) [🌐](#)

- Get It provides users to buy products or services online in certain parts of Nepal. It has 2 mobile apps and a web app for the admin panel.
- "Get It Services" is the app for buyers from which he/she can make a request for a product or service.
- "Get It Rider" is the app for service providers.
- "Web App" helps admin to monitor the ongoing flow of application like assigning requests to the service providers, subscribe buyer and seller to group chat and other services like user and role management. etc.
- <http://getit.com.np/>
- Tools:- C#, MVC5, SSMS, LLBLGenPro, JQuery, Kendo UI

### Survey Application (11/2017 – 03/2018)

- This project helps admin to create landmarks and shapes on google map which is embedded in this web app which helps assigned enumerators to perform surveys in those marks areas.
- Used google maps drawing tools and direction API.
- Admin could also filter surveyed data that would help to get insights from the survey.
- Tools:- C#, MVC5, SSMS, LLBLGenPro, JQuery, Kendo UI, Google maps drawing tools, KML

### Home Security Using IOT (01/2020 – 02/2020)

- Build face recognition application using OpenCV
- Deployed on Raspberry Pi 3b+
- sent notification to firebase cloud
- Tools:- Python, Raspberry Pi 3 B+, Pi Camera, OpenCv, Firebase

## HONOR AWARDS

Silver Jubilee Scholarship Scheme(SJSS) (06/2018 – 06/2021)

Indian Council For Cultural Relations

- Received Fully Sponsored Scholarship For Postgraduate Program (Master of Computer Applications)

General Culture SAARC Scholarship Scheme (06/2013 – 12/2016)

Indian Council For Cultural Relations

- Received Fully Sponsored Scholarship For Undergraduate Program (Bachelor of Computer Applications)

## SKILLS

Communication

Team leader

IT consultant

Software Developer

## TECHNICAL SKILLS/TOOLS

### Databases

Sql Server, MySql, Firebase, MongoDB, MariaDB

### Programming Languages

Python, C#, Core Java,PHP, JavaScript, Node, Shell Scripts, C++, C

### Frameworks

MVC5, Entity Framework, JQuery, Node, Kendo UI, ExpressJS, Mustache

### Others

SSMS, Raspberry Pi, GIT, GitHub, VS CODE, Visual Studio, Azure, XAMPP, HTML5, CSS3

## SOFT SKILLS

Team Work

Adaptability

Communication skills

Leadership

Making Intelligent Arguments

genuine and truthful

## PROJECTS

### Room Temperature/Humidity/Pressure Monitoring

- Read room temp/humidity/pressure using HDT22 sensor on Raspberry Pi 3b+.
- sent measured readings to google sheets and did various plots eg. line plots.
- Performed visualization on power BI.
- Generated notification using python code when certain threshold value reached.
- Tools:- Python, Raspberry Pi 3 B+, HDT22 sensor, google sheets, Power BI

### Style Transfer Using Neural Nets

- Learnt VGG19 Architecture and applied it to learn style transfer.
- Learnt other Architectures and loss functions
- Tools:- VGG19 Architecture

## INTERNSHIPS/WORKSHOPS

### Machine Learning (01/2020 – 02/2020)

[artisense.in](https://www.artisense.in)

- Learnt machine learning approach to define and solve problems.
- Learn supervised and unsupervised techniques.
- Gained basic understanding about regression, naive bayes, decision tree models. etc.

## CERTIFICATES

### Deep Learning Specialization By Deeplearning.ai (01/2020 – 04/2020)

<https://www.coursera.org/account/accomplishments/specialization/certificate/6S7QDZRXCXP>

### Machine Learning by stanford (01/2020 – 02/2020)

<https://www.coursera.org/account/accomplishments/certificate/YUN82WQ33ZJS>

### IOT Certification on Azure (02/2018 – 05/2018)

Offered by : Edureka (Certificate can be provided on request)

### Web Development Using PHP (02/2017 – 04/2017)

IT Nepal ( Certificate can be provided on request )

## EDUCATION

### Master Of Computer Applications

Jawaharlal Nehru University

06/2018 – Present

#### Courses

- Deep Learning, Computer Vision
- Machine Learning, AI
- Information Security
- Databases eg. SqlServer, Mysql, Firebase, MongoDB
- C, Core java, Python, PHP

### Bachelor Of Computer Applications

Acharya Institutes Of Graduate Studies

06/2013 – 12/2016

#### Courses

- C, Java, PHP
- Personality Development
- Web Development, PHP, JS

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Nepali

Native or Bilingual Proficiency

Maithili

Native or Bilingual Proficiency

## INTERESTS

Develop cool apps using emerging techs like IOT, Cloud, Deep learning, Block chain etc.

Education/Teaching.

Sci-fi

Traveling

## VOLUNTEER EXPERIENCE

### Event Lead

Coding and Debugging tech fest during Undergraduate

02/2019 – 02/2019

Bangalore/India

Acharya Institute of graduate studies

#### Tasks/Achievements

- Design Standalone application in VB for aptitude round.

### Volunteer

WOREC Nepal

2012 – 2012

Janakpur/Nepal

Volunteered as an event guide for various women rehabilitation, child right and community development events organized by WOREC NEPAL.

## REFERENCES

Ravi Verma/ Developer Lead

"Guide/Project lead at work"

Contact: [ravi.verma@exolutus.com](mailto:ravi.verma@exolutus.com) – +9779849150145

## NOTE

I hereby state that every details and record provided above are true and genuine to my best of knowledge. I shall be personally responsible if found overstated.