



# Kamal Byanjankar

Software Engineer

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An independent and self-motivated graduate, seeking an opportunity to learn and contribute to the organizational growth while maintaining good co-operation with team members.

## EDUCATION

### Masters of Engineering in IT

Frankfurt University of Applied Sciences 📄

10/2017 - Present

Frankfurt am Main, Germany

#### Courses

- |   |   |
|---|---|
| - Stochastic Signals and Systems                          | - Distributed Systems and Computer Networks       |
| - Methods, Systems and Networks for Digital Communication | - Digital Switching and Routing                   |
| - Mobile Computing  | - Automation Laboratory                           |
| - Computational Intelligence                              | - Development of Service Robot with NAO in Python |

### Bachelor in Electronics and Communication Engineering

Kantipur Engineering College, Tribhuvan University 📄

08/2010 - 11/2014

Lalitpur, Nepal

#### Courses

- |  |                             |
|--|-----------------------------|
| - Microprocessor                         | - Computer Graphics         |
| - Computer Organization and Architecture | - Computer Network          |
| - Embedded System                        | - Telecommunication         |
| - Wireless Communication                 | - Digital Signal Processing |

## WORK EXPERIENCE

### Site Engineer

Bizinsider Tech Nepal

12/2014 - 03/2017

Kathmandu, Nepal

Conducts maintainance and operation of telecommunication sites as well as conducts survey in remote areas for feasibility study

#### Achievements/Tasks

- |  |
|--|
| - Survey of GSM-BTS telecommunication sites        |
| - Planning and Organizing resources for the survey |
| - Timely done reports                              |

Contact: Bibek Singh

## SKILLS

Reactjs

Java

Python

Javascript

HTML

CSS

## PROJECTS

### Netflix clone

- A Netflix clone in which the movies are fetched from IMDb api and displayed in the front end. The user needs to sign up or log in, in order to watch the movie trailer.
- Technologies Used: React, Firebase, and CSS

### Chat clone

- A messenger clone used for real-time messaging by creating a group. The user needs to login by using Google authentication to chat. Firebase is used as a backend to store data.
- Technologies Used: React, Firebase, and CSS.

### Bank Application

- A banking application where users can create a new account and login to view their account details. Users can deposit and withdraw the amount and can also transfer the amount to the recipient and transactions can also be viewed. The total number of account holders can be viewed only by the Admin Role.
- Technology Used: Java Spring boot, Spring Security, Hibernate, Thymeleaf, PostgreSQL Database.

### Minimizing a feature vector using PCA

- Capturing data using Ultrasonic sensor and implementing Machine Learning Algorithms, comparing the accuracy of the algorithms, minimizing the feature vector by using PCA.
- Technology Used: Python, Jupyter Notebook, PyQt5.

### Protocol Emulator for IPv4

- This protocol is used to transfer a message in JSON format from Client to the Server using the different path that is from the intermediate routers connected in between client and server. The networking is performed in the Java platform.
- Tehnology Used: Java, Linux.

## LANGUAGES

English ● ● ● ● ○

German ● ● ○ ○ ○

## INTERESTS

Cooking

Travelling

Reading

Music