

Kamal Byanjankar

Software Engineer

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.



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EDUCATION

Masters of Engineering in IT

Frankfurt University of Applied Sciences [🔗](#)

10/2017 - Present

Frankfurt am Main, Germany

Courses

- Stochastic Signals and Systems
- Methods, Systems and Networks for Digital Communication
- Mobile Computing
- Computational Intelligence
- Distributed Systems and Computer Networks
- Digital Switching and Routing
- Automation Laboratory
- 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 Network
- Telecommunication
- Wireless Communication
- Discrete Structure
- Computer Organization and Architecture
- Embedded System
- Filter Design
- 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

Java

Python

Javascript

Reactjs

HTML

CSS

PROJECTS

Online Bookstore

- An e-commerce web application where user can search book, add to cart, pay using card and delivered to the given address. On creating account, user will be notified by an email to verify and after purchasing book, the delivery status and the books will be notified by the email.
- Technologies Used: Java Spring boot, Spring security, Hibernate, Thymeleaf, PostgreSQL database.

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