

# Rachana Kafle

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## PERSONAL INFO

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### Address

Sanothimi, Bhaktapur

### Phone

9842518084

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rachanakafle32@gmail.com

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## OBJECTIVE

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To work in learning and challenging environment, utilizing my skills and knowledge to the best of my abilities and contribute positivity to growth of the organization as well as my personal growth.

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## EDUCATION

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### Samriddhi College, Bhaktapur

Bachelor in Computer Science and Information Technology (BSc.CSIT) |

November 2014 to March 2019

- Core Courses covered:

➤ C Programming	➤ Object Oriented Programming
➤ Data Structure and Algorithms	➤ Computer Graphics
➤ Theory of Computation	➤ Database Management System
➤ Artificial Intelligence	➤ Design and Analysis of Algorithms
➤ Cryptography	➤ Advanced Java Programming
➤ Data Warehousing and Data Mining	➤ Real Time Systems and Introduction to Cloud Computing

**Capital College and Research Center (CCRC), Kathmadu**

+2 in Science| 2012 A.D. to 2014 A.D.

**Shree Sharada Higher Secondary School, Sankhuwa Sabha**

SLC | 2012 A.D.

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## **EXPERIENCE**

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### **Software Engineer Trainee at Insight Workshop (April2019-july 2019)**

- Attained fundamental concepts of software engineering and full stack development using diverse tools and technologies
- Programming in Python using Data structures, OOP concepts, set up framework, basic CRUD operations, RBAC, ORM & query set concepts, authentication & other core elements of Django
- Implemented the concept of serialization, JSON data and Django Rest framework to build cross platform API
- Team collaboration and adapted to any new challenges in work space
- System analysis, design and testing software
- Concept of Amazon Web Service(AWS)
- Project management, planning, and accomplishing tasks using Agile methodology, online tools and resources
- Problem solving sessions, worked in a professional environment and maintained self-learning attitude

### **Python Developer intern at CygnusTech Nepal Pvt. Ltd (November2018-January2019)**

- Programming in Python using Data structures, OOP concepts, set up framework, basic CRUD operations, query set concepts, authentication & other core elements of Django.
- Designed software using HTML5, CSS, Bootstrap
- System analysis, design and testing software
- Researched on the software development strategies, prepared the documentation/reports

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## SOFTWARE PROJECTS

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**Project Name (Group):** Assignment Management System (2018)

**Language of Implementation:** Python with Django framework

**Description:**

A simple and useful web application which will improve the management of student assignment at educational organizations. In this system, teacher can create/post, edit and delete assignment and also view and download the submission. While, student can get access to the assignment files and directly assign the submission to the teacher

**Project Name (Group):** Insight Workshop Core (2019)

**Language of Implementation:** Python with Django framework and Angular

**Description:**

In this system, admin can log in into the system and perform CRUD operation for all users such as developers, project managers and partners and also add new users. When new users are created login credentials sent in the email.

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## TRAINING

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**Workshop on Getting Started with Data Science (20<sup>th</sup> May 2019)**

- Participated in one day workshop organized by RLadies Kathmandu

**Python and Django Training(September2018-November 2018)**

- Participated in three months python and Django training in Broadway Infosys Nepal

**Android Training(June2017-August2017)**

- Participated in two months Android training in Samriddhi College

**Workshop on Women Technopreneur(15 to 21<sup>st</sup> February 2017)**

- Participated in five days workshop organized by Robotics Association of Nepal

### **Workshop on Human Rights Ideathon and Appathon (16<sup>th</sup> December 2015)**

- Participated in one day workshop organized by UNDP Nepal

### **Workshop on Wearables appathon (2015)**

- Participated in one day workshop organized by Microsoft Innovation center

### **Workshop on Technical Writing (2015)**

- Participated in one day workshop organized by Samriddhi college

### **Workshop on Windows 10 TechReady(2015)**

- Participated in one day workshop organized by Microsoft Innovation Center Nepal

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## **SKILLS AND INTEREST**

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- **Skills:** Python with Django Framework, Angular|Javascript|jQuery, HTML|CSS|Bootstrap, Mysql, Version Control System(GitLab,GitHub), Unit Testing, Project Management, Cloud Computing, Data Analysis, Algorithms, Linux OS
- **Interests:** programming, Reading non-fictional, scientific, self improvement, biographies books, Travelling, Photography, Volunteering and Networking

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**LinkedIn** <https://www.linkedin.com/in/rachanakafle>

### **GitHub**

<https://github.com/rachanakafle>

### **GitLab**

<https://gitlab.com/krachanaiw>