

# Curriculum Vitae



## Bikalpa Dhakal

Shuklagandaki-1, Tanahun, Nepal

+977 9846731777

theoctober19th@gmail.com

Date of birth 19<sup>th</sup> October 1997

Gender Male

Nationality Nepali

### Objective

To find job placement as **Mobile App Developer / Web Developer**.

### Online Profiles

GitHub [github.com/theoctober19th](https://github.com/theoctober19th)

LinkedIn [linkedin.com/in/theoctober19th](https://linkedin.com/in/theoctober19th)

### Technical Skills

#### Android Application Development

Java, Kotlin, XML, Android Studio, Git, Firebase

#### Web Application Development

Java, Spring MVC, JSP, Hibernate, Maven, REST

Python, Django, REST

#### IoT Programming

Arduino, Raspberry Pi

### Non-Technical Skills

#### ICT Project Management

Fluent English Communication

### Education

Program **Bachelor of Engineering in Computer Engineering (BECE)**

Campus Nepal College of Information Technology, Lalitpur

University Pokhara University, Nepal

Date 2015 - Present

### Publications

Title **Optimization of Range Queries using Segment Trees**

Presented to 9<sup>th</sup> National Students' Conference on Information Technology (NaSCoIT 2018)

Date 29 December 2018

## Training/Workshops

Topic	<b>Advanced Java and Web Technology</b>
Date	November 2018 – March 2019
Duration	4 months
Areas covered	Core Java, Java EE, Servlets, JSP, Spring MVC, Maven, Hibernate
Institute	Nepal College of Information Technology
Topic	<b>Python and Django</b>
Date	July – November 2018
Duration	4 months
Areas covered	Back end web development with Django Framework, front end design with HTML5, Bootstrap, JavaScript and jQuery, REST framework
Institute	Broadway Infosys Nepal
Topic	<b>2<sup>nd</sup> National Workshop in Machine Learning and Data Science</b>
Date	10 – 14 July, 2019
Duration	5 days
Areas covered	Supervised Learning, Unsupervised Learning, Reinforcement Learning, various ML algorithms for different categories and their implementation using Python
Organizer	Machine Learning and Data Science Nepal (MLDSN)
Topic	<b>IP Switching and Routing</b>
Date	July – September 2019
Duration	3 months
Areas covered	IP addresses, Subnet, Routers, Switches, Static and Dynamic routing and protocols, Telnet, SSH, MPLS, Network Security, CISCO router setup, VLAN, VPN
Institute	Nepal College of Information Technology
Topic	<b>Ethical Hacking Workshop</b>
Date	18 – 19 September, 2018
Duration	2 days
Areas covered	Social Engineering, IP addressing, Phishing, Keylogging, SQL injection, Network Scanning, Spywares, Steganography, Daisy Chaining
Trainer	MakeIntern India in association with Indian Institute of Technology, Kharagpur
Topic	<b>Big Data Technology</b>
Date	July 2019 - Present
Duration	4 months
Areas covered	Apache Hadoop, HDFS, Map Reduce, NoSQL, MongoDB, HBase, Elastic Search
Institute	Nepal College of Information Technology
Topic	<b>Big Data Workshop</b>
Date	29-30 June, 2018
Duration	2 days
Areas covered	Apache Hadoop, HDFS, Map Reduce, Linux Shell and commands, Pig, NoSQL
Organizer	Pulchowk Engineering Campus and IEEE Nepal Subsection in association with IIT Delhi

## Participations and Awards

Event	<b>Everest Hack 2019</b>
Date	17-19 July, 2019
Accomplishment	<b>First Prize</b> , Best Innovation Award
Organized at	Naaya Aayam Multi-Disciplinary Institute, Gokarneshwor, Kathmandu
Event	<b>Srijana: The Innovation</b>
Date	13-14 July, 2018
Accomplishment	<b>First Prize</b> in Software Project Competition
Organized at	Advanced College of Engineering and Management, Kupandole, Lalitpur
Event	<b>Yatra 1.0</b>
Date	17-18 February, 2018
Accomplishment	<b>First Prize</b> in Software Project Competition
Organized at	National College of Engineering, Satdobato, Lalitpur
Event	<b>Sagarmatha Techno-Fest 2019</b>
Date	20-22 June, 2019
Accomplishment	<b>Second Prize</b> in Hackathon
Organized at	Sagarmatha Engineering College, Sanepa, Lalitpur.
Event	<b>9<sup>th</sup> National Students' Conference on Information Technology (NaSCoIT) 2018</b>
Date	29 December 2018
Accomplishment	Presented a paper on 'Optimization of Range Queries using Segment Trees'
Organized at	Park Village Resort, Budhanilkantha, Kathmandu

## Major Projects

<b>ChaTeX: An Android Math Chat Application</b>	
Description	An android application tailored for students and scholars where they can exchange text as well as mathematically typeset equations during chat.
Technologies Used	Java, Android, Google Firebase
<b>Nagarik Badapatra</b>	
Description	An android application that aims to digitize the Nagarik Badapatra available at different government offices, and provide information regarding the services provided by the office.
Technologies Used	Java, Android, Spring, REST
<b>Osaar Pasaar</b>	
Description	An android application that aims to establish a platform that enables people to find pickup van / trucks nearby them and hire them in order to transport goods, change flats and more.
Technologies Used	Java, Android, Spring, REST

	<b>TreasureNepal 2020</b>
Description	An android application developed for a treasure hunt game where the users will navigate to and collect various treasures hidden at different tourist destinations in Nepal.
Technologies Used	Java, Android, Django, REST
<b>References</b>	
	<b>Mr. Niranjan Khakurel</b>
	Principal
	Nepal College of Information Technology
Email	niranjan@ncit.edu.np
Mobile	9851198517

I hereby declare that the details furnished in this CV are true to my knowledge.

*Bikalpa Dhakal*

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