# RAMESH DHUNGANA

**Graduate Research Assistant At ODU (Computer Science)**

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## EXPERIENCE

### Grauduate Research Assistant
**Old Dominion University**

📅 Jan 2022 – present

- Graduate student with Major at M.S in Computer Science
- Research Assistant at Old Dominion Research Foundation Handson Lab

### Full Stack Developer
**Freelancer at Upwork**

📅 Jan 2020 – December 2021

- Independently completing project requiring full stack development.
- Specializing further in google cloud services and firebase

### Software Engineer
**Insight Workshop**

📅 May 2018 – November 2019    📍 Kamalpokhari, Kathmandu

- Development of Online software selling Software for US based company (they were selling it using CDs)
- Web Hosting and Cloud Maintenance using AWS and Digital ocean.
- Embedded system Implementation (US based Project) for Remote Control of ATM vending Machines using device called WiRFi
- Full-Stack programming instructor for intern programmers
- Database Modelling for Online Enterprise Resource Planning Software
- Assistance in local server setup and regulation for Restaurant using ERP Software
- Leadership in Design, Modelling and full-stack (both back-end and front-end ) development,hosting and cloud maintenance of Event Management Software ( for Australia based Client Of Company)

### Software/Web Developer
**Prixa Technologies**

📅 Nov 2017 – April 2018    📍 Koteshwor, Lalitpur

- Development of many national Online News sites (currently operating in Nepal)
- Database management of live sites including switching of database library to their re-storage to new adaptation
- Design,Modeling and development of Customer Management Software

## SKILLS

Angular9, Javascript, Typescript

Firebase, Firestore, Cloud-functions

Google cloud services    python

Django    Django Rest Framework (DRF)

node    HTML,CSS, SCSS, Ajax

Databases ( NoSQl, mysql, postgresql, sqlite)

AWS including ec2, RDS, S3,VPC, IAM

git    Raspberry PI

Network Implementation (local server setup,

port forwarding (SSH connection, remote access)

PM Tools including Jira, ActiveColab, Trello

Compatible with both windows and linux

others: numpy, matlibplot, jupyter notebook,

web scraping,C, C++,c#

## EDUCATION

### B.E in Electronics and Communication Engineering
**Western Reginal Engineering Campus,TU,Nepal**

📅 2013 – 2017

72.11 %

### XII Board
**Higher Secondary Education Board**

📅 2010 – 2012

Science, 83%

### School Leaving Certificate
**SLC Board Nepal**

📅 2010

90.37%

## RESEARCH INTERESTS

- Web development, Web Security and secure programming
- Data Science
- Cloud Computing
- System Software, testing and analysis