

# NAYAN ADHIKARI

**Address:** Rolf E. Stenersens allè 38 B, 0858 Oslo  
**Phone:** +47 96756093  
**Email:** [adnayan@hotmail.com](mailto:adnayan@hotmail.com)  
**LinkedIn:** <https://www.linkedin.com/in/adnayan/>  
**Home Page:** [adnayan.github.io](https://adnayan.github.io)

## Summary

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I am a programming enthusiast with quite a few numbers of projects under my belt. I spend hours every day learning new programming paradigms and design patterns. Experienced with all stages of the development cycle including deployment for dynamic web projects, with notable experiences in varieties of skillsets regarding development and deployment of web-based applications.

## Skill Highlights

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**Programming Skills:** HTML, CSS, JavaScript, TypeScript and NodeJS, PHP, Python and MySQL.

**Project Management Tools:** Git and Jira System.

**Frameworks and Libraries:** Bootstrap 3 and 4, Material-UI, React, Angular 5, jQuery, Codelgniter, ExpressJS, Sequelize ORM.

**DevOps:** VMWare ESXi 6.5, Ubuntu 18.04, Nginx and Apache Web Server, pm2, MySQL Server, cPanel.

**Design Patterns:** Inversion of Control (IoC) and Dependency Injection (DI), MVC, Singleton, Factory, and Observer Design Pattern.

**Software Suite:** G Suite.

## Experiences

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**Full Stack Web Developer (Part Time)** - June 2018 to July 2019

ITEG Pvt. Ltd, Kathmandu

Projects handled:

- Management Information System (MIS), with successful completion of two models: **Student Entry and Management Module** and **Examination registration module**.
- **Unique Visitor Tracker** to track unique visitors from online advertisement along with customize report.
- **Online Student Application Portal** to receive application from web portal.
- **Hybrid Mobile Application** that act as a companion for Management Information System.

**SYSTEM ADMINISTRATOR** - July 2017 to July 2019

Apex College Pvt. Ltd., Kathmandu

- Installation and configuration of **VMware ESXi 6.5 Hypervisor** on **HPE ML10Gen9**.
- Migration of internal server and network infrastructure that comply with virtualize server infrastructure.
- Administration of **Google Suite** for Enterprise Mail Support.

## **SYSTEM ADMINISTRATOR (Internship) - March 2016 to April 2016**

### **Apex College Pvt. Ltd., Kathmandu**

- Configuration of Mikrotik Router, Cisco and Maipu Switches.
- Troubleshoot of internal network infrastructure.
- Deployment of nginx web server to host web application for inhouse examination system.

## **Education**

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Masters of Applied Computer and Information Technology (2019 – Anticipated graduation date: 2021)

### **Oslo Metropolitan University, Oslo**

Bachelors of Computer Information System (2012 – 2016)

### **Apex College, Kathmandu**

## **Interests**

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My main hobby is Coding - it's my passion. When I'm not coding, I research and practice different frameworks and paradigms. Apart from that, I am an avid reader, and have some interest in Mobile Photography and Videography.

I have a love for Sci-Fi, and can explain the science behind Interstellar. Also, when it's none of the above, I spend my extra time listening to music and watching gameplays of various Video Games.

## **References**

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Pedro G. Lind

Professor

Department of Computer Science

OsloMet - Oslo Metropolitan University

Pilestredet 35 PS428

0166 Oslo, Norway

[pedro.lind@oslomet.no](mailto:pedro.lind@oslomet.no)

<https://www.cs.hioa.no/~pedrolin/>