

Nitesh Rijal

Full-stack Python Developer & Solution Architect

EXPERIENCE

Tekvortex Pvt. Ltd., Nepal — *Software Engineer*

June 2015 - November 2017

Development of Web Archiving Compliance Solution for Smarsh Inc.

Nepal College of IT, Nepal — *Asst. Professor*

January 2014 - June 2015

Lecture Classes and Labs for various subjects such as C Programming, Database Management Systems, Web Technology

Healthnet, Nepal — *Sr. Computer Programmer*

September 2009 - May 2011

Leading the development and implementation of Library related applications such as Koha and Greenstone Digital Library.

EDUCATION

Jawaharlal Technological University, India — *M.Tech*

September 2011 - September 2013

Master's Degree in Computer Science, First Class with Distinction

Nepal College of IT, Nepal — *B.E. (IT)*

August 2005 - August 2009

Bachelor's Degree in Information Technology, GPA 3.17

PROJECTS

EduSanjal (edusanjal.com) — *Education Portal*

Python (Django), PgSQL, Nginx, Bootstrap, Gunicorn, Virtualenv, Supervisorctl, Virtual Private Server

Squaddraft (squaddraft.com) — *Daily Fantasy Manager*

Python (Django), PgSQL, Nginx, Django REST Framework, XML Parsing, Bootstrap, Gunicorn, Virtualenv, Supervisorctl, Virtual Private Server

Publications

Incorporation of Cryptography Mechanism in a Smartphone File Sharing System Design — *National Students' Conference in Information Technology (NasCoIT)*

Author for paper published on the basis of Master's Thesis & published on 28th September, 2013 at Kathmandu, Nepal

Bridging the Information Divide of the Maldives through

6700 Belcrest Road
Hyattsville, MD 20782
(240) 918-4695
rijal.it@gmail.com

SKILLS

Python/Django

Linux, AWS

MySQL, PgSQL

Solr, ActiveMQ, Memcached

HTML, CSS, JS

AWARDS

Best Paper Award in 6th National Students' Conference in Information Technology (NasCoIT)

Best Paper Award in 4th Intra-college Technical Paper Competition

Mahatma Gandhi Scholarship for studying Master Degree through Indian Embassy

Class Topper at 5th Semester in Nepal College of IT with GPA of 3.66

LANGUAGES

English, Hindi, Nepali, Telugu, Bengali

CONTRIBUTIONS

Resource Person in Digital Library Implementation and Training at East West University, Dhaka, Bangladesh (20th -30th December, 2010)

Resource Person in Regional Workshop of coordinators of GSDL National Nodes in South

Library Automation and Digitisation — *International Seminar on "Digital Libraries for Digital Nation"*

Co-author for paper published on the basis of Freelance Contract work done in Male, Maldives & presented on 17th-18th October, 2012 at Dhaka, Bangladesh

Mobile IP: Dimensions & Prospects — *National Students' Conference in Information Technology (NasCoIT)*

Author for paper published on 12th September, 2009 at Kathmandu, Nepal

Linux Terminal Server Project (LTSP) — *National Students' Conference in Information Technology (NasCoIT)*

Co-author for paper published on the basis of Training Experience work done in St. Xaviers, Kathmandu & presented on 12th September, 2009 at Kathmandu, Nepal

Open Source Software and Free Software — *National Students' Conference in Information Technology (NasCoIT)*

Author for paper published on 18th August, 2007 at Lalitpur, Nepal

References

Mick McDonnal — *mickmcdonnal@gmail.com*

Supervisor during First year work with Smarsh Inc.

Prabhakar Giri — *pgiri@tekvortex.com*

Manager during work with Tekvortex Pvt. Ltd.

Rohit Upadhyay — *rohit.upadhyay@rosebaycorporate.com*

Manager during freelance work with Rosebay Solutions Pvt. Ltd.

Sarah Stone Loveall — *sstone-loveall@smarsh.com*

Supervisor during Second year work with Smarsh Inc.

Asia at **Park Village, Budhanilkantha, Kathmandu** (23rd -25th July, 2010)

Trainer on *Linux Terminal Server Project (LTSP) Training* at **St. Xavier's College, Thapathali, Kathmandu**

FORTE

Leadership, Team Management, Communication Skills, Web Development., Solutions Architect

CATCHING UP

ReactJS, VueJS

Machine Learning/Deep Learning, AI

Blockchain and Cryptocurrency