



Samar D Acharya

DevOps and Software Developer



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English, Nepali, Hindi



BACKGROUND



ABOUT

Born in Nepal and currently living in Kansas, USA, Samar is a self-motivated, challenge seeker, problem solver, avid hacker, reliable and passionate individual with sharp learning curve and dedication to building highly available and reliable applications.



WORK EXPERIENCE

- DevOps Engineering Manager, [Brightergy, LLC](#)

Sep, 2014 - Present ⌚ 1 year 8 months

Brightergy, LLC is a clean energy company with a vision to utilize technology to be able to collect vast amount of energy data and turn them into actionable intelligence. Leveraging the power of IoT, the technology team is utilizing range of platforms, programming languages, databases and cloud to build such energy platform.

- Write backend api and device code in elixir and python
- Lead a team of engineers to build successful cloud and device solutions
- Manage cloud platform of BrighterLink, the energy platform including scaling, high availability, security and resilience at all level
- Design the solutions and implementation details for various features

Chief Technology Officer, [Techgaun Nepal Pvt. Ltd.](#)

Dec, 2013 - Aug, 2014 ⌚ 8 months

Techgaun was a startup with focus on building local data analysis platform as a Product while sustaining itself via the outsourcing work.

- Led a team of developer to build data analysis platform for local business data
- Designed, implemented and delivered solutions for the clients

Release Engineer, [Deerwalk, Inc.](#)

May, 2013 - Dec, 2013 ⌚ 7 months

Deerwalk, Inc. develops solutions for data analysis and management of US healthcare. The vast amount of data are turned into actionable insights and intelligence and used for patient care, insurance assessment, etc.

- Built a highly flexible deployment environment
- Implemented local dev environment with dummy data generation for several large-scale projects
- Performed security assessment against various projects



SKILLS

DevOps

Ansible

Amazon Web Services

OpenShift

Docker

Heroku

Micro-services

Puppet

Linux

Windows

NoSQL

RDBMS

Web backend development

Elixir

Phoenix

REST

Message Queues

Node.js

Python

Platform Security

PHP

NoSQL

RDBMS

MEAN

Frontend Development

HTML

CSS

Javascript

AngularJS

D3.js

Highcharts

Bootstrap



EDUCATION

Computer Engineering, Bachelor, Kathmandu University

Aug, 2009 - Dec, 2013

3.68 - A in computer related courses

Computer Graphics

Compiler Design

Computer Systems Architecture

Principles of Programming Languages



VOLUNTEER WORK

Technical Co-ordinator, [Help Nepal Network](#)

Jan, 2012 - Dec, 2012

The largest charitable network of Nepalis, HELP NEPAL Network: One Dollar a Month Fund for Nepal is a global charity run on a fully voluntary basis. Help Nepal Network runs a educational project with a goal of deploying one electronic library per district.

- Led a team of volunteers to deploy electronic library using LTSP and provided training to the students
- Developed a complete solution to automate the deployment of electronic library

Network Engineer, [Kathmandu University Boys Hostel](#)

May, 2012 - Oct, 2013

I maintained and managed internet connectivity and network of more than 200 hosts in a hostel network.

- Built an automated traffic shaping utility and firewall policy
- Developed and implemented various network security measures for ethernet and WiFi network



INTERESTS

Computer Security

Exploit development

Web security

Mathematics

Statistics & Probability

Calculus

Algebra

Numerical Methods

Sports

Football (Soccer)

Table Tennis (Ping Pong)

Juggling

