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Shreya Sapkota

AWS Certified Cloud Practitioner | Developer

SKILLS

Java(Grails, Servlet, Android), MySQL, C, PHP(Laravel), CSS, JavaScript(AJAX), Python(Django), Git, LINUX, Photoshop, Video Editing, Content Writing, Opinion Article

EXPERIENCE

Freelance – *Backend Developer*

2019

- Developed an e-commerce site for a clothing store based in Nepal called Gurkha using Grails and MongoDB(gurkhastore.com)

Digital Media Team - DWIT, Sifal – *Developer*

Jul 2018 – Nov 2019

- Developed employee management system using Grails
- Frontend development of IT4D (conference site) and DWIT News (news portal) (it4d.org, dwitnews.com)
- Developed an application for Deerwalk Sifal School to display, update and edit the lesson plan using Laravel (lessonplansifal.dwit.edu.np)
- Maintained and updated both frontend and backend of PHP, and Grails projects
- Maintained react-native application which delivers online video lectures
- Developed an application for the alumni of DWIT using Django (alumni.dwit.edu.np)

Digital Media Team - DWIT, Sifal – *Developer/ Content Writer*

Jul 2018 – Dec 2019

- Prepared contents for the website/banners

TechLekh, Sifal – *Content Writer*

Jul 2017 – Jul 2018

- Review mobile applications
- Interview people in the field of tech

DWIT NEWS, Sifal – *Co-Editor-in-Chief*

Dec 2017 – Dec 2018

- Edited and reviewed articles
- Assigned and published article
- Wrote articles

DWIT NEWS, Sifal – *Author*

Dec 2016 – Dec 2017

- Wrote opinion, review and general articles

EDUCATION

Alok Vidyashram, Gyaneshwor – *SLC*

2005 – 2014

Budhanilkantha School, Narayanthan – *HSEB*

2014 – 2016

Deerwalk Institute of Technology, Sifal – *Bsc.CSIT*

2016 – Present

ACADEMIC PROJECTS

Popcorn Time – 2018

An android app to display the showtime of all the halls in Nepal in a single android application. The data of all the showtime is collected through the web scrapping technology.

Snake-in-the-Box – 2019

Snake in the box game using the genetic algorithm to train the snake to eat food and avoid obstacles. A number of snakes are introduced in each generation and the best snake of each generation plays the game.

Land Registry using Blockchain and GIS Technology – *Present*

A web-based application using the blockchain technology to maintain transparency to register land deeds, change ownership, and validate files. GIS technology used to update land plots using the system.

CERTIFICATIONS

AWS Certified Cloud Practitioner

2020–2023