Suman Koirala

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Education

Minnesota State University Moorhead, Moorhead MN

Bachelor's in Computer Science   Graduated: May 2019

Minor in Information Technology

Experiences

Software Engineer | Codelation | Fargo, ND   Oct 2018 -Present

  -*Designed and developed enterprise applications and APIs using Ruby on Rails*

  -*Designed and implemented databases using PostgreSQL*

  -*Setup, deployed and maintained applications using git, GitHub, Bitbucket and Heroku*

  -*Setup Amazon AWS S3 as a storage service for different projects*

  -*Worked on front-end using JavaScript/JQuery, Bootstrap, Ajax*

  -*Managed projects in JIRA with agile methodologies via user stories, issues and tasks.*

  -*Designed and implemented RESTful APIs with authorization, and tested using cURL and Postman*

  -*Maintained legacy Ruby on Rails apps of different versions*

Assistant to Network Admin | MSUM | Moorhead, MN   May 2017 – Oct 2018

  -*Maintained, updated and troubleshot Linux and Windows servers*

  -*Developed and configured various scripts including MySQL database password reset system, bulk users addition on a blog system and FAQ website for MSUM CSIS department*

  -*Configured Linux workstations to use central Active Directory authentication using Ldap and Winbind and implemented file system using Samba*

Computer Science Peer Tutor | MSUM | Moorhead, MN   May 2018- Oct 2018

  -*Mentored more than 20 people in Python, and certified in level 1 College Reading and Learning Association (CRLA)*

Environment Health & Safety Assistant | MSUM | Moorhead, MN   May 2018 – Oct 2018

  -*Assisted with management of hazardous waste, emergency management, disability and ergonomic resources, and building and workplace safety*

Skills

-Ruby on Rails	-Ruby	-PostgreSQL	-Python	-git	-Bash	-Bootstrap	-Java
-JavaScript	-Linux	-WordPress	-SQL	-jQuery	-CSS	-HTML	-PHP

Personal Projects

-Lunch Place Chooser, *an app that returns nearby location for food, used Ruby on Rails, Bootstrap, Google maps API, JavaScript available on* https://lunch-place-chooser.herokuapp.com/

-**NATO Phonetics Translator**, *an app that translates letters to NATO phonetics, used Ruby on Rails and Stimulusjs, available on* http://koiralasuman.com.np/phonetics

-**Personal note taker**, *an app to store notes or personal blog with secured login system using Ruby on Rails, Devise, and SendGrid, available on* http://koiralasuman.com.np/blogs.

-**GPA calculator**, *a simple college GPA calculator app made using Ruby on Rails, rails-ujs, JavaScript and Bootstrap, available on* http://koiralasuman.com.np/gpa_calculators

-**Personal website**, *made a static website using Bootstrap available on* https://gsum.github.io/

Accomplishments

- **Third** place in Fargo Startup Weekend for making language learning VR application	Apr 2019
- **Third** place on Digi Key Collegiate Computing Competition	Oct 2019
- Computer Science Department **Scholarship** from Alumni Association	2018-2019
- **Treasurer** for MSUM Code	2017-2018
- **Treasurer** for Association for Computing Machinery (ACM) MSUM Chapter	2017-2018
- **President** for MSUM Nepali Student Association	2016-2017