**Career Objective**

To work in an organization where I can efficiently contribute my skills with maximum potential, for the growth of organization along with brush-up my knowledge to gain experience in my domain.

**Education Credentials**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year(s)** | **Qualification – Degree / Diploma / Certificate** | **Board/University** | **College / Institute/ University** | **Percentage / CGPA** |
| 2014-2018 | B. tech Computer Science with Specialization in Infrastructure Management | University of Petroleum & Energy Studies | School of Computer Science Engineering | 3.15/4 |
| 2013 | Class XII | CBSE | S.N. Public School, Mirzapur | 84% |
| 2011 | Class X | ICSE | S.T. Thomas School, Gopiganj | 76.2% |

**Academic/ Extra Curricular Achievements/Activities**

* **Student Placement Representative** underCareer Servicesof our college (2016- present).
* Participation Certificate in **Android Workshop by IIT Kanpur**.
* **Participated in various Cultural & Technical** events in College.
* Participated in various quiz competitions held in University of Petroleum and Energy Studies.

**Publication (In progress)**

Written a chapter “Introduction to Open Flow” for the upcoming book “Innovations in Software-Defined Networking and Network Functions Virtualization” which is soon going to published by IGI Global Publication under Mr. Ankur Dumka, Assistant Professor, SoCSE, University of Petroleum and Energy Studies. Basically, **OpenFlow** is an open interface used for configuring the forwarding tables of network switch according to the desired path derived by the **SDN controller.**

**PROJECTS UNDERTAKEN**

**Summer Internship Project**

**PROJECT I**

**Company**: **Headstar Technology partner with IBM**

**Duration:** June 2017 – July 2017 (45 Days)

**Project Title: Navigator**

**Key Skills:** **Hadoop (Map-reduce, Hive, PIG, HDFS)**

**Description:** It is required to design & develop a framework for regular mining of “areas of interest in close vicinity” for the stream of travel agency’s customers. The list of

Cities that will be visited by its customer in near future are obtained from the travel portal on a periodic basis. This list becomes the seed for mining the “areas of interest in a particular city”.

**PROJECT**

**Company: Headstar Technology**

**Duration:** May 2017 **-** June 2017

**Project Title: Bus Tracking System Using GPS**

**Description:** In this project a web application was created using Java EE to track the buses travelling through different cities. An admin and user login interface was created to create new admins as well as add new users. The users can track the position of the buses at any time during the journey and check their location. It uses google map API to track the location.

**Minor Project – I**

**Project Title:** Visualization of Dijkstra’s algorithm using greedy approach

**Mentor:** Mr. Ankur Dumka

**Description:** Under this project the Dijkstra’s algorithm was implemented for finding the shortest path and graphically the flow of data packets was shown using GUI. Giving the idea from which nodes the packet is travelling. This project is developed using C Language.

**MINOR Project – II**

**Project Title:** **DDoS Attack Detection and Mitigation in SDN**

**Mentor:** Dr. Inder Singh

**Tools used:** Mininet, Floodlight, Eclipse, VM Ware.

**Description:** To detect the DDOS attack and apply a DDoS defence mechanism that aims to filter all TCP traffic issued by unauthorized clients on network level. Therefore, unauthorized person is unable to perform semantic attack based on TCP protocol on the victim destination. Apart from these, this project also aims at suggesting possible solutions in mitigating this attack.

**Other Projects**

**Project Title: MAC Tracker using virtualization concept in Software Defined Networking**

**Mentor**: Mrs. Shikha Jadoun

**Tools used:** Mininet, Floodlight, Eclipse, VM Ware.

**Description:** This is a basic project for setting up the tools used and configuring them to work in a single unit. In this project, two virtual hosts are created using mininet and connection between them is generated along with tracking their mac addresses.

**Some projects undertaken on Java Language**

* Android App on the Telephony Manager (It provides access to information about the telephony services on the devices such as subscriber id, SIM serial number, phone network type, etc.)
* Android App on Phone calls by setting intent with ACTION\_CALL action and by setting the CALL\_PHONE permission, Send SMS by usingSmsManagerAPI, Send Email etc.
* Android App on Phone Hardware which will display all the sensors of the device with their vendor’s name, this is done by setting the hardware permissions.
* Android App on Media player with the help of Media Controller.
* Android App for Data storage using Shared Preferences, File Storage, Content Provider, Android SQLlite.
* Android App for turning Bluetooth ON-OFF, turning Wi-Fi ON-OFF.

**Training Undertaken**

**Company: Hewlett Packard**

**Trainer:** Mr. Chandan Verma

**Duration:** 100Hrs, Jun-Jul’16

**Certification HPE/STP/2016/N21579**

**ID:**

**Certification: Core Java with Android Certification**

**Description:** To understand the android platform architecture**,** Difference between Android and other mobile development environments. Design, develop, debug, and deploy Android applications, Use Android SDK's simulator to test and debug applications, Construct user interfaces with built-in views and layouts. Advantage of APIs for data storage, retrieval, files, databases etc.

**Skill Set**

**Personal Skills:**

* Good Team Player along with Leadership traits
* Innovative and Creative
* Zeal to learn
* Good Interpersonal and Communication skills

**Computer Skills:**

* **Software:** Cloudera, VMWare, StarUML, Eclipse, Android SDK, Mininet, MySQL, Cisco Packet Tracer, GNS3, Solid Works, Turbo C++, 8085 Microprocessor Simulator.
* **Virtualization Tools**: VMWare Workstation, Virtual Box.
* **Database:** MySQL, Warehouse Directory of Hive.
* **Programming Languages:** C, C++, Java (Core and J2EE), HTML, SQL, HQL, PIG, Assembly Language programming in 8085 microprocessor.
* **Technologies:** Software Defined Network, Hadoop, Android Application Development.
* **Operating Systems:** Windows, Ubuntu 14.04 lts, CentOS.

**Personal Details**

Date of Birth : 29-03-1995

Father’s Name : Mr. Durga Prasad Jaiswal

Mother’s Name : Mrs. Pushpa Jaiswal

Gender : Male

Category : OBC

Nationality : Indian

Mobility : Willing to work anywhere in India or Abroad

Home Town : Bhadohi

Phone No. : +91 8006059753

Permanent Address : Anjahi Mohal, Gopiganj, S.R.N. Bhadohi, Uttar

Pradesh

Languages Known : English and Hindi

I declare that the details mentioned above are correct and true to the best of my knowledge.

**Mohit Kumar Jaiswal**