

PRISHU PANDAY

(+91) 7976312383

pp85981@gmail.com

<https://www.linkedin.com/in/prishupandey>



ACADEMIC DETAILS

Year	Degree / Exam	Institute	GPA/Percentage
2018	B.tech in Computer Science	Rajasthan Technical University, Kota	75
2014	RBSE	Maharani girls senior secondary school	71.2
2012	RBSE	Maharani girls senior secondary school	74

(90% in Science & Mathematics)

INDUSTRY EXPERIENCE

- **Summer Intern at INNOVINC SOLUTIONS – IT Consulting (May, 2017 – July, 2017):**
 - Employed text mining, PCA and hierarchical clustering on text to optimize marketing strategies on search engines.
 - Extracted, interpreted and analyzed data to identify key metrics and transform raw data into meaningful, actionable information.
 - Involved in creating Dashboards, reports as needed
- **Trainee at CEC Skill Bridge .Com Pvt. Ltd. – Software Development (March, 2016 – June, 2016):**
 - Write, edit and compile Use Case Details, Use Case Diagrams, Database Diagrams, Conceptual Data Model Diagrams, Deployment View Diagrams and Data Flow Diagrams into System Architecture
 - Often perform unit testing of applications on local machine, checking for hidden errors
 - Deploy applications into development and UAT environment for testing
 - Give and participate in code reviews where I aid in making corrections

PROJECTS

- **Automate Deployment of Cloud Computing and Virtualization with Containerized Docker Integration on Linux System Using Python and Provisioned by DevOps : Own Cloud Infrastructure with Operational Intelligence Tool - Splunk**
Technologies used: Cloud Computing Unit, IaaS, PaaS, SaaS, Storage As-a service, Virtualization-KVM, Linux development, Container - Docker, Docker Cluster - Swarm, RedHat Linux Server, Security, Python and Socket Program, DevOps - Ansible, Operational Intelligence Tool - Splunk
- **Intelligence Implementation of High Performance Distributed Computing for BIG DATA – Batch Processing Using Hadoop Framework & Real Time Processing Using Spark and Running Applications on Large Clusters under containerized Docker Engine deployed by DevOps**
Technologies used: Big Data-Hadoop, Map Reduce, Sqoop, Hive, Pig, Hbase, Zookeeper, HDFS, Distributed Computing, Container - Docker, Docker Cluster - Swarm, RedHat Linux Server, Security, Python and Socket Program, DevOps - Ansible, Operational Intelligence Tool -Splunk
- **Predictive Analysis- Customized Targeted Advertisement**
This project aims to identify in advance what a user is browsing or planning to buy. Once data is refined then customized ads or promotions can be sent to specific user and integrating the information with the stores via Geo fence.
Technology used- crawler in python, js script to map surfing data.
- **Platform for Photo Gallery:** Used Django (Python) backed server to build web application, Designed the database schema from scratch and used MySQL as backend database, Implemented newsfeed, upvotes, downvotes, user profile and follow features, The application extracts the images of a certain hash tag from Twitter and displays them in the form of an image gallery, Implemented user-authentication features (login, logout, register) from scratch.
- **Smart Keyboard.**
 - Used techniques and algorithms of Natural Language Processing to develop a smart keyboard application in Python
 - Implemented spelling correction and word prediction using sklearn and NLTK
- **External Merge Sort and Hash Join.**
 - Implemented external merge sort supporting generalized k way merge, and simulating merge sort for large files using C++
 - Also implemented the hash join algorithm to join 2 large relations
 - Analyzed performance statistics of the algorithms and worked on further improvements
- **Operating System Design:** Developed UNIX based operating system-JOS by implementing support for multi core programming, interrupt handling, system calling, and virtual memory and software virtualization. Performed memory management strategies of OS and implemented in Python an interactive simulator for Linux kernel memory management.

CONFERENCES/WORKSHOPS ATTENDED

- **Redhat Linux Administration Classroom Training at Linuxworld Informatics PVT. Ltd**
- **Workshop on IBM Cloud Bluemix by IBM Cloud Adviser Mr. Mukul Agarwal (9 January 2016):** This cloud computing workshop covered following points – Introduction of Cloud Computing, Cloud Types, Cloud Services, Service Providers Links, and Introduction to BlueMix (IBM Cloud), Hands on BlueMix.
- **Advance Java Workshop by DUCAT (14 April 2015):** The major objectives of the workshop were to demonstration of Java and Advance Java Applications. Students were benefited a lot in form of hand-on experience related to Reflections, Swings, JSP, and Servlet etc.
- **Workshop on DOTNET BY Sigmatech (5 Nov to 7 Nov 2014):** This workshop included Interactive Technical Session, Query Session, Live Demos, PowerPoint Presentation. Assignments for students were given like Create Registration Page & Login Page and Database connectivity with ADO.NET.

SKILLS & INTERESTS

- **General:** Distributed Systems, Scalable Databases, and Machine Learning.
- **Programming Languages:** C, C++, Python, XML, and Java.
- **Development:** Web Development (HTML, CSS, JS, PHP, Django, MySQL),
- **Tools:** Hadoop, Spark, Splunk, Cassandra, VM, DevOps
- **Others:** Cryptography, Computer Networks.

EXTRACURRICULAR ACTIVITY

- **Awarded by RAJYA PURASKAR from PARTON, Governor of Rajasthan**
- 1st Position CHITAH JEET KUNE DO 2nd **National Championship**(Kumite)
- Campus Ambassador for Apogee 2017 BITS Pilani from 14 Jan 2017 to 22 Mar 2017.
- Runner up, Badminton (Double) in SRIJAN-2017.
- Runner up, KHO-KHO (Girls) in SRIJAN-2017.
- Outstanding Contribution and Actively participation in **State Level Scout/Guide Jumboorate** held at Rohini Nagar, Jaipur on 14-19 November, 2011.
- Runner up, Volleyball in 55th District Level Girls Sport Tournament-2010 held on 01-04 September, 2010 at Shree Bikaner, Mahila Mandal Senior Secondary School.

POSITIONS OF RESPONSIBILITY

- **Convener at tech Club.**
 - Served one full term as a Convener at tech Club at MEC
 - Responsible for conducting workshops and events to teach Artificial Intelligence
- **Teaching Assistant.**
 - Selected as a TA for Computer Programming and Utilization, Linux and Unix shell programming and Introduction to Calculus courses at MEC
 - Responsible for guiding students with tutorial problems for better understanding of the course material

REFERENCES

- **Dr. Sunita Choudhary**
Head of Department, Computer Science
Marudhar Engineering College, Bikaner (Rajasthan)
Mobile No.: 9929633533
Email: er.sunita03@gmail.com
- **Dr. Amit Sanghi**
Dean Academics
Marudhar Engineering College, Bikaner (Rajasthan)
Mobile No.: 9461471451
Email: dr.amitsanghi@gmail.com
- **Mr. Vimal Daga**
Chief Technical Officer (CTO)
Mobile No: 9829125960
Email: vimal.linuxworld@gmail.com
Profile: <https://www.linkedin.com/in/vimaldaga/>