CURRICULUM VITAE

PANKAJ CHITTORA

[Phd*, M.Tech(CSE) , B.Tech(IT)]

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OBJECTIVE

To become an integral part of a reputed academic & research institute empowering for while providing a conductive learning atmosphere, excellent growth prospects to contribute whole heartedly towards the development of the organization and grow while performing.

TEACHING EXPERIENCE

- *Mentor of Kendriya Vidyalaya Eklinggarh, Udaipur Atal Innovation Mission- Mentor of Change this project is sponsored by Niti Aayog India.*

- Working as an Assistant Professor in Computer Science & Engineering Department in **Techno India NJR Institute of Technology, Udaipur from April 2017**.

- Experiences as an Assistant Professor in Computer Science & Engineering Department in **Vivekananda Institute of Technology, Jaipur from December 2013 to December 2016**.

- Experiences as a Lecturer in Computer Science & Engineering Department in **Techno India NJR Institute of Technology, Udaipur from February 2012 to November 2013**.

- Part time Experiences as a Trainee in **TOPS Technology, Udaipur from July, 2010 to November 2013**

- Experiences as a Lecturer in Computer Science & Engineering Department in **SS College of Engineering (SSCE), Udaipur from July 2010 to February 2012**

TECHNICAL AND ACADEMIC QUALIFICATIONS

- Pursuing PhD from Swarrnim University in Computer Science taken admission in February, 2020

- M.Tech (Computer Science Engineering) from Singhania University with 69%

- B. Tech (Information Technology) from National Institute of Technology (NIT Durgapur) with 7.34 CGPA

- Higher Senior Secondary from Lal Bahadur Shashtri Sr. Sec. School, Kota (Raj.) with 66.46%.

- Secondary from Guru Nanak Public Sr. Sec. School Udaipur (Raj.) with 63.67%.

AREA OF INTEREST
- Computer Fundamental & IT
- Data Structure & Algorithms
- Programming in Java
- Theory of Computation
- Advanced Data Structure
- Design and Analysis of Algorithms
- Database Management System

- Programming Languages: C, C++, Java, Data Structure, HTML, Python, R Programming, Shell Script
- Operating Systems: Microsoft Windows, Linux
- Databases: Oracle, MySQL
- Software Tools: R Studio, IBM SPSS Modeler, Anaconda, Tableau, Any point Platform
- Currently doing the training of Salesforce Administrator & Salesforce Developer from Simplilearn.

PROJECT MENTOR

Title of the Project: A Power Saver Device Controlled Over Android Application for Home, Industries and Malls (Selected in DST, Rajasthan Government)

Project Summary:
- The project aims at designing a GSM Technology and Android based Power Saver System. This device can save electricity. The device can be used in the homes as well as in industries or malls etc. Device contains an android application which helps the user to interact with the status of the used home appliance. Android application tells you that which home appliance (fan, tube lights etc.) is switched on or switched off. You can control your complete home, mall, industry consumption electricity with the help of an android phone.
- The controlling device for the automation in the project is a Microcontroller. The data sent from Android phone over message will be received by GSM module connected to Microcontroller. Microcontroller reads the data and decides the switching action of electrical devices connected to it through Relay switches. Also, the status of home appliance is continuously sent to android phone and can be monitored on android phone screen.

Title of the Project: Track and Trace Supply Chain (Selected in SIH, 2018)

Project Summary:
- It gives the details like when the product was bought, where it was originated, where it was stored and to whom it was sold.

- Traceability eliminates the problems like flaws, defects and contamination risks. We can track where and when the issue was originated.

- Everybody can track the product at any time.

- This app is providing simple, fast and accurate results to above listed points.

- This app gives the satisfaction of reaching the real product from source to destination.

Technology Stack –
- **For building an app**

  - **Android Studio**

    o For front-end: XML
    o For back-end: java which will be connected to database (MySQL) in web portal.

  - **Web Portal**

    o Admin Portal
    o User Portal

- **For front-end:** php and dashboard will be stored in IBM /google cloud.

TRAINING AND PROJECT

- Attended a Training of MuleSoft Development Fundamentals (Mule 4)
- Successfully cleared the NPTEL certification on Programming, Data Structure and Algorithms using Python conducted by IIT Madras.
- Attended 5-day National Workshop on **Android Application Development** organized by Computer Society of India.
- Successfully Completed **C++** from National Institute of Information Technology, Udaipur during summer 08.
- Developed a Project on "**Library Management on C++**" in summer 08 from NIIT (National Institute of Information Technology) Udaipur.
- Successfully Completed **Java** from Rigveda Software Private Ltd, Udaipur during summer 09.
- Developed a Project on "**Banking Enterprises on ASP.Net**" in summer 09 from RSPL (Rigveda Software Private Ltd.) Udaipur.
- Developed a Project on "**GUI FOR CLIVE** (A COMMAND LINE VIDEO EXTRACTIONG UTILITY) Under the Guidance of Prof. Subhrabrata Choudhury (Head of the Department, Information Technology, NIT Durgapur)

CERTIFICATION

- Successfully cleared the NPTEL certification on Programming, Data Structure and Algorithms using Python conducted by IIT Madras.
- Completed the course on Hadoop Developer Learning from Udemy.
- Completed the course on Programming for Everybody (Getting Started with Python) from Coursera.
- Completed the course on Machine Learning from Coursera.
- Completed the course on CompTIA Linux+ from Simplilearn
- Successfully cleared the NVidia certification on Fundamentals of Deep Learning for Computer Vision.

NATIONAL LEVEL CONFERENCES AND SEMINARS

- Attended 10 days ISTE Workshop on **Introduction to Research Methodologies** organized by IIT Mumbai.
- Attended 2 days ISTE Workshop on **Writing Effective Conference Paper** organized by IIT Mumbai.
- Attended 2 days ISTE Workshop on **Aakash for Education** organized by IIT Mumbai
- Attended 10 days ISTE Workshop on **Database Management System** organized by IIT Mumbai.
- Attended 2 weeks ISTE Workshop on **Computer Programming** organized by IIT Mumbai.

EXTRA CURRICULAR ACTIVITIES

- Member & Co-ordinated in **National Workshop on Amateur Radio Communications and Computer Networks in Education (NW-ARCCNE) 2012** conducted by Techno India NJR Institute of Technology, Udaipur was held on 17th & 18th Oct, 2012

- Member & Co-ordinated in **National Workshop on Amateur Radio Communications and Computer Networks in Education (NW-ARCCNE) 2012** conducted by Techno India NJR Institute of Technology, Udaipur was held on 17th & 18th Oct, 2012.
- Member & Co-ordinated in **International Workshop on Mobile and Cloud Computing (IW-MCC) 2012** conducted by Techno India NJR Institute of Technology, Udaipur was held on 4th & 5th December, 2012.
- Co-ordinated in **Aakash Android Workshop** conducted by IIT Bombay was held on 23rd & 24th Feb & 2nd & 3rd March, 2013.
- Member & Co-ordinated in **International Software Summit 2013** conducted by Techno India NJR Institute of Technology, Udaipur was held on 11th & 12th April, 2013.
- Member & Co-ordinated in **National Conference COMPUTATIA-IV ,2015** conducted by Vivekananda Institute of Technology, Jaipur was held on 25th & 26th Nov, 2015
- Member & Co-ordinated in **National Conference COMPUTATIA-V ,2016** conducted by Vivekananda Institute of Technology, Jaipur was held on 25th & 26th Nov, 2016

RESEARCH PAPER

- Published a research paper on "**Big Data and Future of Examination Systems "international Journal of Modern Trends in Engineering and Research,** Volume: 2, Publication date 2015/8
- Published a research paper on "**Information System Using Active Database- a Novel Approach" in International Journal of Advanced Research in Computer Science and Software,** Volume: 4, Publication date 2014/10.
- Published a research paper on "**Analysis of Chronic Kidney Disease (CKD) using supervised machine learning classifiers and curve fitting**", International Journal of Advanced Science and Technology Volume 29 No. 5 Date 2020/05

PERSONAL INFORMATION

Father's Name   - Mr. Naresh Kumar Chittora

Mother's Name   - Mrs. Geeta Chittora

Date of Birth   - 27 Nov 1986

Nationality   - Indian

Marital Status   - Married

Languages Known   - English, Hindi

DECLARATION

I hereby declare that all the particulars stated in the application & enclosures, are true to the best of my knowledge and credence.

PANKAJ CHITTORA