





Palak Jain

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 Indore, Madhya Pradesh, India

Big Data and Data Science enthusiast, looking forward to learn, specialize and work on latest technologies. Hands on experience of extraction, transformation, analysis and visualization of data for multiple projects.

ACADEMIC PROFILE

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| > Bachelors of Engineering (Electronics and Telecommunication)
Institute of Engineering and Technology, DAVV Indore (2018) | 71.5% |
| > Higher Secondary Certificate Examination
Shri R.K.Daga Maheshwari Academy, Indore (2014) | 88.8% |
| > High School Certificate Examination
Shri R.K.Daga Maheshwari Academy, Indore (2012) | 86.6% |

PROFESSIONAL EXPERIENCE

May 2019- Present	Systems Engineer, INFOSYS LTD., Hyderabad Client - Leading Automobile Financial Services Company (US) <ul style="list-style-type: none">> Prepared a daily SFTP(Secure file transfer protocol) file of the prior day contracts booked by dealer.> Designed Informatica mappings and workflows to analyze e-Contracting utilization of client company.> Proactively participated in project discussions to reach to the solutions. <div>InformaticaMS SQLUnix</div>
January 2019- May 2019	Systems Engineer Trainee, INFOSYS LTD., Mysore <ul style="list-style-type: none">> Specialized in BigData and Business Analytics.> Analysed database of Indian Premier League of Cricket (IPL) for 10 years and generated interactive reports which include details regarding each team and each player.> Practiced Python for all the transformations in data.> Served as Scrum Master and presided a team of 5 members in an agile project environment. <div>HadoopHivePythonPowerBI</div>
July 2018- December 2018	Data Analyst Intern, VIRTUOSITY, New Delhi <ul style="list-style-type: none">> Organised database of all the sales and purchase details of firm.> Analyzed sales data of company to know some facts like most frequently sold items, no. of items sold in a month, the least desired item of customers for different regions.> Assisted seniors to launch new services zonally which increased sales by 22%. <div>MS ExcelMySQLMS PowerPoint</div>

TECHNICAL PROFICIENCY

Programming Languages	Python, Core Java, C++, Assembly Language
Database Management	Microsoft SQL Server, MySQL, MongoDB, Informatica
Data Analytics skills	Hadoop, HBase, Hive, Pig, PowerBI Visualization Tool, Machine Learning
Operating Systems	Windows, Unix
Others	Matlab

ACHIEVEMENTS & AWARDS

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|---------------|--|
| December 2015 | Certificate of Excellence from Indian Institute of Technology (IIT) , Bombay for designing efficient Water Cleaner System. |
| December 2015 | Certificate of Appreciation from Indian Institute of Technology (IIT) , Bombay for Block Warrior Robotics Competition. |
| May 2014 | Meritorious Student Award from the Chief Minister of Madhya Pradesh, India. |
| February 2016 | Secured first position in Inter-College Group Dance Competition. |

ACADEMIC PROJECTS

December 2017 - March 2018	Radio Resource Management, , <ul style="list-style-type: none">➤ Improved existing Multi-Input Multi-Output(MIMO) design with Non-Orthogonal Multiple Access (NOMA) technique for 5G networks.➤ Compared radio resources such as wavelength, frequency, bandwidth etc. for all the generation of wireless communication.➤ Achieved 10% increment in Connectivity and Spectral Efficiency. <div>Matlab</div>
December 2016- March 2017	WaterBody Cleaner, , <ul style="list-style-type: none">➤ Revamped the Water Cleaner System designed by us previously for a competition.➤ System harnessed energy from the flow of waterbody, leading to minimal external energy requirements.➤ Further developed stagnant water cleaning system using microcontroller and stepper motor attached with flaps. <div>Embedded Systems Arduino Assembly Language</div>
June 2016	Smartphone Controlled Bot with camera, , <ul style="list-style-type: none">➤ Developed a smartphone controlled robot employing DTMF and Arduino Uno.➤ Installed 5 megapixels Internet Protocol Camera on the device for surveillance purposes.➤ Executed the control function using ASM for programming and Eagle for designing and simulation of the project. <div>Microcontroller Assembly Language Keil Eagle Fabrication Techniques</div>

INDUSTRIAL TRAINING

TV Transmission and Communication System Training, Doordarshan Center- Indore <ul style="list-style-type: none">➤ Obtained an overview of the TV Transmission System at India's largest broadcasting organisation "Doordarshan" by studying the functioning of Antennas, Earth Station and Amplifiers.➤ Scrutinized principle of Digital Communication System and implementation of Modulation Techniques in the transmission of signals.	May 2016
Advanced Embedded System Training, Techwiz Technologies- Indore <ul style="list-style-type: none">➤ Specialized in Embedded System and Automation.➤ Modelled Automated Home Security System, Counters, Attendance System employing Arduino as Microcontroller, DTMF, Bluetooth and RFID module.➤ Developed Embedded C code and Assembly language code for Line Follower Robot.	April 2016

CO-CURRICULAR & VOLUNTEER ACTIVITIES

- **HipHop and Urban Dance Training at NrityaShakti, Mumbai**
Trained under some of the best Indian and International Dance Professionals .
- **Dance Choreography**
Choreographed in various college programmes and dance workshops.
- **Head Coordinator of College Cultural Fest "Aakshank"**
Coordinated Inter-College Quiz Competition and Dance Competition "Naach".
- **Core member of Sahyog Samaj Seva Sanstha, Indore**
Organized blood donation camp, volunteered for education awareness programs for women & underprivileged children and actively participated in Clean India Mission

DECLARATION

I hereby declare that the information given above is true to the best of my belief and knowledge.

Palak Jain