

# RESUME

## SUMIT JAIN

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### CARRIER OBJECTIVE:

To hold the position of responsibility in a professionally managed organization under superior guidance. Always prefers challenging jobs for upgrading knowledge and skills from time to time.

### EDUCATIONAL QUALIFICATIONS:

- **M.E., in Computer Engineering**, Specialization in Software Engineering in **2012**, from Institute of Engineering and Technology, D.A.V.V Indore with an average of **75.2% (Honors)**.
- **B.E. in Computer science & Engineering** in **2009**, from Mandsaur Institute of Technology (RGPV), Mandsaur with an aggregate of **76.9% (Honors)**.
- Standard **12<sup>th</sup>** from NHSS (MP Board), Neemuch in 2004 with 72.2% marks.
- Standard **10<sup>th</sup>** from NHSS (MP Board), Neemuch in 2002 with 66.8% marks.

### EXPERIENCE:

- Presently working as a Trainer (Assistant Professor) in **Acropolis Institute of Technology & Research, Indore**.
  - **Duration (Since Aug-2000 to till date)**
- **Four** year Experience as a Trainer (Assistant professor) at **IPS Academy, IES Indore**, from 01/Sept/2018 to 06/Aug/2022.
- **Six year** Experience as a Trainer (Assistant professor) at **Acropolis Technical Campus, Indore**, from **22/July/2012 to 31/Aug/2018**.
- **Two year** Experience as a Teaching Assistant at **IET (DAVV)**, Indore, from **July'10 to June'12**
- **11 month** Experience as a Trainer in **Lord Krishna College of Technology**, Indore, from July 2009 to June 2010.

### RESPONSIBILITIES:

- **Training Delivered:** C/C++ Language, Python, Data Structure, Analysis & Design of algorithm, Programming for Problem Solving, Object- oriented Technology, Logical Reasoning and Aptitude.
- Worked for Online Off-Campus Counseling.
- Worked for two days workshop conducted by Acropolis Technical Campus, Indore on Hack-Tricks 2013 by Wegilant Net Solution Mumbai in association with IIT Bombay.

- Worked as Team Member For NBA/NACC/Autonomy.
- Worked as Faculty Coordinator for EMC Academic Association Examination, March 2014.
- Worked as an Attendance, Student Assessment and Timetable in-charge.
- Worked for publishing monthly “E-Newsletter” of CSE Department.
- Worked as a Project (Minor & Major) Coordinator.
- Organized Various event as a Faculty Coordinator (Error O Bug, Code Cracker, Mock Campus, Object design by Code, Poster Making, Test your IQ, Reverse Coding, Logiccheck) under the heads of CSI.
- Worked as a Scholarship Coordinator.
- Worked as an E-magazine Coordinator of CSE Department.
- Conducted Spoken Tutorial Certification exams in CSE department for various courses.
- Worked in organizing committee of National level event “Envisage-19”, in 2019.
- Worked in organizing committee of International Conference on Recent Advances in Interdisciplinary Trends in Engineering & Applications (**RAITEA-2019**) held at IPS Academy, IES-Indore (M.P.).

#### TECHNICAL SKILL SET

- Operating System : All Microsoft Windows Version
- Language : C, C++, Python, Java(core)
- Tools : Rational Rose, Online Class tools
- Web Technologies : HTML/CSS

#### PROJECT UNDERTAKEN/ THESIS

##### ➤ Automated Modeling and Containment of Worms

Description: **M.E. Thesis**

This is a project basically for the modeling and removal of worms

It was a model that prevents the spread of a worm beyond its early stage.

Area of Research: Network Security

Toll Used: Netbeans, VM ware

Guide: **Dr. Vrinda Tokekar**, Professor and Head, IT, IET (DAVV) Indore

##### ➤ Customer Service Desk

Description: **BE Project**

This customer oriented web application which keep the details of various Organization and their branches, it also help user to search the organization details Classified according to the sector classified.

Toll Used: NetBeans

### ➤ **Cryptography**

Description:                **BE Project**

This project basically for the Encryption & Decryption of a file in order to protect the data from unauthorized access.

Toll Used:                Turbo C

### **WORKSHOP \ TRAINING DELIVERED**

- Delivered 5 days Workshop on Web development for II year AIML students
- Delivered 5 days Workshop on Python for II year AIML students
- Delivered expert lecture on Logic building in induction program for first year students in Nov 2021.
- 8 days faculty development program on C & C++.
- 15 days training on C and C++ for CS & EC Students.
- 6 days Training on Logical Reasoning for third year Students.
- Workshop on “How to use data Structure in development” for 2<sup>nd</sup> year students.
- Delivered hands on Workshop on C Language for 2<sup>nd</sup> year Students.
- Delivered hands on Workshop on Python for 2<sup>nd</sup> year Students.
- Delivered hands on workshop on Title “Designing UML using Rational Rose” for 3rd year Students.
- Delivered workshop on Title “Tricky Programming in C” for 2<sup>nd</sup> year Students.
- Delivered lecture on “Data Structures” for staff of ATC.
- Delivered FDP on many topics for CSE Faculty members in each semester.

### **CORE COMPETENCIES:**

- Quick Learner, Punctual and Confident
- Strong Leadership Skills and Adaptive nature
- Creativity, Innovativeness, Conceptuality, Success oriented.

### **ACHIEVEMENTS AND CO- CURRICULAR ACTIVITIES:**

- Participated in **RASHTRAGAAN** , an Initiative by the Ministry of Culture to mark **AZADI KA AMRIT MAHOTSAV**
- **Qualified GATE** (Graduate Aptitude Test for Engineers) in 2012 with **93.2%**.
- **Qualified GATE** (Graduate Aptitude Test for Engineers) in 2010 with **93.4%**
- Participated in Software exhibition conducted by ASCII
- Participated in 15 days workshop by HCL INFOSYSTEMS.
- Part of the organizing team for Annual Function of college in 2006-07.

### YOU TUBE CHANNELS:

- **Sumit Ki Pathshala** :- <https://www.youtube.com/channel/UCmOseIFOhjLO1Dm-b1HGkGg>
- **Integral Knowledge** :- <https://www.youtube.com/channel/UCNfUKFAeBT4hNSmv77BpYrg>

### HOBBIES:

- Teaching, Learning new concepts, Cooking, Watching movies

### PERSONAL PROFILE:

Date of Birth : 13th July 1987  
Languages Known : Hindi, English  
Father's Name : Mr. Tejsingh Jain  
Mother's Name : Mrs. Manorama Jain  
Nationality : Indian  
Marital status : Married  
Mobile No. : +91-9827657501 / 9301502226

### *References:*

**1. Prashant Lakkadwala**

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**2. Dr. Namrata Tapaswi**

Head of Department  
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I hereby declare that the information furnished above is true to the best of my knowledge.

Date: 16/12/21

Place: Indore

**(Sumit Jain)**

## Certification, FDP, Workshop Attended & Paper Publication List

### CERTIFICATION:

- Successfully completed and received a passing grade in Online Certification on **PY0101EN: Python Basics for Data Science**, by **edx** a course of study offered by **IBM**, an online learning initiative of **IBM**, from Jun 30, 2020 to July 28, 2020.
- **NPTEL/SWAYAM** online Certification for successfully completing the course, **Programming, Data Structures and Algorithms using Python** with a consolidated score of **100%**, conducted by IIT Kharagpur, from Jan, 2020 to March, 2020.
- **NPTEL/SWAYAM** online Certification for successfully completing the course, **Problem Solving Through Programming in C** with a consolidated score of **90% (Topper)**, conducted by IIT Kharagpur, from July, 2019 to October, 2019.
- **NPTEL/SWAYAM** online Certification for successfully completing the course, **Programming in C++** with a consolidated score of **71%**, conducted by IIT Kharagpur, from January, 2019 to March, 2019.
- HTML5 Application development fundamentals Certification by Microsoft Technology Associate in March 2017.
- Microsoft Virtual Academy Certification on Deliver mission-Critical, Highly Available, and Secure data, 12 May 2016.
- PHP & MySQL test certified from Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Government of India, on December 30, 2015.
- Coursera Certification on Cryptography, 15 Oct 2015
- Microsoft Virtual Academy Certification on Database Fundamentals, 24 Aug 2015.
- Microsoft Office Specialist Certification for Power Point 2007, 3 May 2015.
- Microsoft Virtual Academy Certification on Programming in C# jump start, 17 Jan 2015.
- Microsoft Virtual Academy Certification on Hybrid cloud websites, 17 Jan 2015.
- Microsoft Office Specialist Certification for Office Excel 2007, 23 April 2014
- EMC Academic Associate Certification on Information Storage Management, 13 March 2014.
- EMC Academic Associate Certification on Cloud Infrastructure & Services, 11 March 2014.
- Brainbench certification in C Fundamentals.
- C++ test certified from Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India.
- JAVA test certified from Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, MHRD, Govt of India

**FDP ATTENDED:**

- Attended a **AICTE approved** online Short term training Programme(STTP), Sponsored by All India Council of Technical Education, New Delhi on **Big Data and Hadoop** conducted by **IPS Academy Institute of Engineering and Science** from July 20, 2020 to July 25, 2020
- Participated in Three days FDP on “**Recent Trends in Technology & Teaching Learning Methodology**”, from 9<sup>th</sup> July to 11<sup>th</sup> July 2020, in association with Indian Society for Technical Education, Organized by SAGE university, Indore
- Successfully completed FDP funded by the **National Mission on Education through ICT, MHRD, Govt. of India** on **Scilab** organized by **IPS Academy Institute of Engineering and Science** with course material provided by **Spoken Tutorial Project, IIT Bombay** from 2020-07-01 to 2020-07-06 (equivalent to one week FDP course).
- Successfully completed FDP funded by the **National Mission on Education through ICT, MHRD, Govt. of India** on **Linux** organized by **IPS Academy Institute of Engineering and Science** with course material provided by **Spoken Tutorial Project, IIT Bombay** from 2020-01-01 to 2020-06-30 (equivalent to one week FDP course).
- Successfully completed FDP funded by the **National Mission on Education through ICT, MHRD, Govt. of India** on **RDBMS PostgreSQL** organized by **IPS Academy Institute of Engineering and Science** with course material provided by **Spoken Tutorial Project, IIT Bombay** from 2020-01-01 to 2020-06-30 (equivalent to one week FDP course).
- Successfully completed FDP funded by the **National Mission on Education through ICT, MHRD, Govt. of India** on **R** organized by **IPS Academy Institute of Engineering and Science** with course material provided by **Spoken Tutorial Project, IIT Bombay** from 2020-06-22 to 2020-06-27 (equivalent to one week FDP course).
- Successfully completed FDP funded by the **National Mission on Education through ICT, MHRD, Govt. of India** on **Python 3.4.3** organized by **Shivajirao kadam Institute of technology and Management, Indore** with course material provided by **Spoken Tutorial Project, IIT Bombay** from 2020-06-11 to 2020-06-13.
- Successfully completed FDP funded by the **National Mission on Education through ICT, MHRD, Govt. of India** on **Python 3.4.3** organized by **IPS Academy Institute of Engineering and Science** with course material provided by **Spoken Tutorial Project, IIT Bombay** from 2019-07-01 to 2019-12-31 (equivalent to one week FDP course).
- Successfully completed **AICTE approved** FDP on **Problem Solving through Programming in C** by **NPTEL/SWAYAM** from July, 2019 to October, 2019 (equivalent to one and half-week FDP course).
- Successfully completed **AICTE approved** FDP on **Programming in C++** by **NPTEL/SWAYAM** from January, 2019 to March, 2019 (equivalent to one-week FDP course).

- Attended a **AICTE approved** Faculty Development Program(FDP201x) on **Pedagogy for Online and Blender Teaching-Learning Process** conducted by IIT Bombay from October 30, 2018 to December 13, 2018 (equivalent to two-week FDP course).
- Attended a AICTE approved Faculty Development Program(FDP101x) on **Foundation Program in ICT for Education** conducted by IIT Bombay from September 13,2018 to October 18,2018 (equivalent to two-week FDP course).

#### **FDP ORGANIZED:**

- Organized one week FDP on **C & C++ Programming Language** under Refresher Course from January 1st, 2021 to January 8, 2021, at Department of Computer Science & Engineering, IPS Academy, IES-Indore (M.P.).
- Organized Two Week **Faculty Development Program** on “Entrepreneurship Development” Sponsored by Department of Science & Technology, Govt. of India from 18<sup>th</sup> Jan 2021 to 30<sup>th</sup> Jan 2021.
- Organized Two Week **Faculty Development Program** on “Entrepreneurship Development” Sponsored by Department of Science & Technology, Govt. of India from 15<sup>th</sup> Feb 2021 to 26<sup>th</sup> Feb 2021.
- Organized One Month **Women Entrepreneurship Development Program** on “Entrepreneurship Development” Sponsored by Department of Science & Technology, Govt. of India from 31<sup>st</sup> Jan 2022 to 01<sup>st</sup> Mar 2022.

#### **WORKSHOP ATTENDED:**

- Attended a National Workshop on “**Research and Publication Ethics**”, on 26 Feb 2022 conducted by AITR, Indore.
- Attended 2 Days workshop on “RPA Citizen Developer Foundation” from 28<sup>th</sup> to 29<sup>th</sup> July 2021 organized by RGPV, under TEQIP-III in association with Department of Computer Science & Engineering, Acropolis Institute of Technology & Research, Indore (M.P.).
- Attended 3 Days Workshop on “Django” (Python based free and open Source framework) from 29<sup>th</sup> June to 1<sup>st</sup> July 2020 under SAGE Summer School Series in Association with IIC, ACM & CSI Chapter, organized by SAGE University, Indore.
- Participated in blended mode One Day Coordinator Workshop on **C and C++** on 15 February 2020, organized by Teaching Learning Center (ICT) at IIT Bombay, funded by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India, held at IPS Academy, Indore (M.P.)
- Participated in one day workshop on **R** on 17 December 2019, organized by Teaching Learning Center (ICT) at IIT Bombay, funded by MHRD, Govt. of India held at IPS Academy, IES Indore (M.P.).

- Attended a Workshop on “**The Software Quality Methods and Tools**”, Sponsored by ICT Academy, IIIT Jabalpur on March 27-31, 2018 at Acropolis Technical campus, Indore.
- Attended a Workshop on “**The Impact of Software Quality in Contemporary Computer Era**”, Sponsored by M.P. Council of Science & Technology, Bhopal on August 23-24, 2016 at Acropolis Technical campus, Indore.
- Attended Two days’ workshop on **Scope and Challenges in Computer Science** and Information Technology in October 2013 conducted by AITR, Indore.

#### **WORKSHOP ORGANIZED:**

- Organized One Day Coordinator Workshop on **C and C++** on 29 February 2020, organized by Teaching Learning Center (ICT) at IIT Bombay, funded by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India, held at IPS Academy, Indore (M.P.)

#### **WEBINAR ATTENDED:**

- Participated in International Webinar entitled “Securing Modern Software Development” by Yelp Inc., London on 30<sup>th</sup> June 2020 organized by the Department of Computer Science & Engineering, Shivajirao kadam Institute of technology and Management, Indore (M.P.).
- Participated in Webinar titled “Learning to Learn” by Mr. Ramanan Natarajan, Principal Architect Lowe’s India Bangalore, India on 27<sup>th</sup> June 2020 organized under Forum Quarantine by the Department of Faculty of Computer Application, Acropolis Institute of Technology & Research, Indore (M.P.).

#### **CONFERENCE ATTENDED:**

- Attended Two days’ National Conference on Innovative Trends in Engineering Sciences & Management (ITESM) on 31<sup>st</sup> October & 1<sup>st</sup> November 2014 conducted by PATEL group of Institutions, Indore.

#### **RESEARCH EXPOSURE:**

- Presented a poster entitled “**Big Data Analytics with IoT in Traditional manufacturing industry: The emerging era**” in International Conference on Recent Advances in Interdisciplinary Trends in Engineering & Applications (**RAITEA-2019**) held at IPS Academy, IES-Indore (M.P.).
- Presented a poster entitled “**A Review on Software Testing Techniques**” in International Conference on Recent Advances in Interdisciplinary Trends in Engineering & Applications (**RAITEA-2019**) held at IPS Academy, IES-Indore (M.P.).



- One research paper is published in International Journal of Digital Applications (**IJCA**) ISBN 973-93-80883-34-0, (A Secure Multiple Steganography Method For Protected Information Transfer), APR 2016.
- One research paper is published in International Journal of Computer Application & Contemporary Research (**IJDACR**) ISSN 2319-4863, (Detection of Route Request Flooding Attack in Wireless AD-HOC Network through Historical Records), Nov 2015.
- One research paper is published in international journal for science and advance research in technology (**IJSART**) ISSN 2395-1052, (an anon- miser based on dynamic entity based TTP position privacy framework) Vol. 1, Issue 9, Sept 2015.
- One research paper is published in International Journal of Computer Applications (**IJCA**) ISBN 973-93-80883-09-3, (RUCM: A Measurement Model for Detecting the most Suitable Code Component from Object Oriented Repository), OCT 2014.
- One research paper is published in International Journal of Engineering and Management Research (**IJEMR**) ISSN 2250-0758, (A Novel Test Case Generation Method through Metamorphic Priority for 2-way Testing Method) Vol. 4, Issue 3, June 2014.
- One research paper is presented in National Conference on “Innovative Trends in Soft Computing” Sponsored by IEEE, IETE, BRNS organized by Oriental University, Indore, October 2013.
- One research paper is published in Cognitive Technical Research Journal (CTRJ) ISSN 2319-9881, (Cloud Computing Related to concept, principles and technology) Vol. 1, Issue 1, Jan-June 2013.