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**Qualification:** **M.Tech in Software Engineering (Computer Engg)**  
**Indian Institute of Information Technology (IIIT-Allahabad)**



**Objective:** Seeking a position to utilize my skills and abilities in Information Security Industry that offers professional growth while being resourceful, innovative, and flexible. Always love to have challenging environment with right teamspirit

**EDUCATIONAL QUALIFICATION**

- M.Tech(Software Engineering) Indian Institute of Information Technology (IIIT-Allahabad)
- B.Tech(Computer Science And Engineering) (UPTU, Lucknow)

Sr. No.	Name of examination	Month & Year of Passing	University/Name of College	% of marks Obtained
1.	<b>B. Tech</b> (Computer Science and Engineering)	2012	<b>UPTU, Lucknow</b>	66%
2.	<b>M. Tech (Software Engineering)</b>	2017	<b>Indian Institute of Information Technology (IIIT-Allahabad)</b>	CGPA 6.00

**JOB PROFILE:**

**EXPERIENCE:**

**1. Assistant Professor, University Polytechnic (Diploma), Rama City, Kanpur**

- Initiated facilitated and moderated computer science related course discussions in accordance of curriculum.
- Provided student body with counsel and direct supervision in laboratory work and issues with course work.
- Work on Research paper, Projects, Writing Article on Technology.

## **2Lecturer Dr. Ambedkar Inst. Of Technology (Government College), Kanpur. Kanpur**

- Planned designed and revised syllabi curriculum instruction content and other materials as required.
- Lecturer on computer science related course discussions in accordance of curriculum.

### **Sponsored Project**

- Project Title: A Smart Robot to provide support for COVID-19 Patients Sponsored: Rama University, Kanpur (under seed money).

### **Achievements: Membership**

- Computer Society of India (F8003853)
- International Association of Engineers (IAENG) (Member No: 253325)

### **Journal Publication:**

- JournalName:Multidisciplinary Journal of Research in Engineering and Technology ISSN: 2348-6953. Volume 7, Issue May 2020  
  
Paper Title: Versatile Image Edge Detection Algorithm Based on Canny Operator.
- Journal Name: Multidisciplinary Journal of Research in Engineeringand Technology ISSN: 2348-6953Volume 7, IssueMay 2020  
  
Paper Title: A Novel Edge Detection Technique Using Kalman Filter with Artificial Neural Network
- Journal Name: International Research Journal of Engineering and Technology ISSN: 2395-0056, Volume 7 No.3, 2020  
  
Paper Title: "Research on Traceability of Agriculture product based mostly on net of thing"

## **PROJECTS**

### **An Efficient Approach For Software Defect Prediction Using Log Mining (2017)**

- Based on the Machine learning approaches predicted the defects in the software products using the logs from the system.
- Used NASA MDP dataset for the logs. Used 4 machine learning algorithms and compared the results from each one.
- Achieved an accuracy of 90.63% in predicting defects in the software system.

### **A Portal For E-Learning ForEngineers Named Engineer's Mentor (2012)**

- A website to help engineers to help them with their placements.

- Included different modules like Quantitative Aptitude, puzzles, mathematics and Programming interview questions.

### **COPY RIGHT:**

- **Title of Work:** IDENTIFICATION OF COTTON CROP DISEASE USING MACHINE LEARNING APPROACH Filed with Diary No: 3531/2021-CO/L

### **BOOK CHAPTER EDIT:**

- **Book Title:** Bioinformatics for Image Processing Chapter 24 (For Springer) For Book Title: Advances in Bioinformatics
- **Book Title:** Unmanned Aerial Vehicles for Internet of Things (IoT): Concepts, Techniques, Applications and Challenges **Scrivener Publishing LLC**, Chapter 15 IOT Based UAV Platform Revolutionize in Smart Healthcare
- **Book Title:** Unmanned Aerial Vehicles for Internet of Things (IoT): Concepts, Techniques, Applications and Challenges **Scrivener Publishing LLC**, Chapter 4 Precision Agriculture with technologies for Smart Farming towards Agriculture 5.0 (**Wiley Publication**)
- **Book Title:** Artificial Intelligence and Machine Learning in Healthcare Perspective by **Springer Nature Singapore**, Chapter 7 Visualization and Prediction of Covid\_19 using AI and ML

### **TRAINING:**

- Online Workshop on Linux Ubuntu OS. Spoken Tutorial Project, IIT Mumbai, 15-20 April 20.
- One Week Online Faculty Development Program on Python Spoken Tutorial Project, IIT Mumbai, 21-25 April 20.
- One-week online FDP on R Programming, Spoken Tutorial Project, IIT Mumbai, 30 April - 4 May 20.
- One Week Online FDP on RDBMS PostgreSQL, Spoken Tutorial Project, IIT Mumbai, 4 - 10 May 20.
- One-week Online FDP on Swift (iOS) Programming, MET Institute of Engineering, 12-16 May 20.
- Two week Online International FDP on Emerging Trends in INDUSTRY 4.0, DY Patil Engineering college Pune, ACM Sponsored 18-29 May 20.