Pooja Kumari Gupta

O 8709664369 **@** poojamathur567@gmail.com **@** **www.linkedin.com/in/**

Summary

A responsible and challenging position that will allow me to explore my abilities, skills and sense of dedication towards my duties with the sole aim of seeing the progress of the organization.

Professional qualifications

NTA-UGC-NET qualified for Assistant Professor

Dec 2022 and Dec 2023

Experience

Binod Bihari Mahto Koyalanchal University, Dhanbad   **4 sept 2024-Till Now**
Assistant Professor at Department of Computer Science

Subject:

- Software Engineering
- Image Processing & Pattern Recognition
- COA
- Design and Analysis of Algorithm
- Data Communication
- Bigdata and Analytics
- Artificial Intelligence

RKDF University, Ranchi   **2-April-2022**
Assistant Professor

Assistant professor in RKDF University of Department in B.Tech/MCA/BCA

Subject

- Python,
- Operating system,
- Data structure and algorithms
- Networking
- Fundamentals of C
- Web Technology
- DBMS

K.K College of Engineering and Management affiliated with
JUT,Dhanbad   **8 June 2023**
Assistant Professor

B.tech in Cse, Diploma in Cse :

Subject:

- Internet of things
- Data Science
- Python Programming
- Computer architecture,
- Artificial intelligence
- Image processing,
- Cloud Computing

Gurukul Public School, Dhanbad   **1 Oct 2019- 12 July 2022**
Computer Sci. Faculty (PGT)

Subjects:

- Computer System and Organization
- Computational Thinking and Programming-1
- Society Law and Ethics
- Computer Networks
- Database Management

Education

Ranchi University, Ranchi	**2016-19**
7.8	M.CA

Ranchi Women's College, Ranchi	**2013-16**
66%	B.CA

Intermediate of Science,BNS DAV Public School, Giridih	**2011-13**
	12th
74%	

Matriculation from Agarwala High School, Tisri	**2011**
73.4%	10th

Publications

<u>Cloud Computing Security: Threats and Countermeasures</u>

INTERNATIONAL JOURNAL OF ADVANCE RESEARCH AND INNOVATIVE IDEAS IN EDUCATION   **31-03-2025**

Cloud computing has revolutionized how organizations store, process, and manage data, offering flexibility, scalability, and cost-effectiveness. However, these advantages come with significant security challenges, including data breaches, Distributed Denial-of-Service attacks, insider threats, insecure APIs, and misconfigurations (Kshetri 48). The increasing sophistication of cyberattacks highlights the urgent need for robust security measures. This study has demonstrated that implementing strong encryption, multi-factor authentication, intrusion detection systems, firewalls, and regular security audits can significantly reduce cloud security risks (Williams 104). Organizations that adopt these security practices experience fewer cyber incidents, safeguarding sensitive information from unauthorized access and potential financial and reputational damage (Verizon 25).

- Peer Review Journal Paper

- Id : 26052

- ISSN(O) : 2395-4396

Seminar

International Vocational Training and Technology Research Institute (IVTTRI)   **11feb2025 - 12feb2025**

Seminar Co-organizer, Multidisciplinary International Seminar On "To achieve the Goals of Viksit Bharat@2047 through Artificial Intelligence: Issues and Challenges *M*anaged logistics and speaker coordination for an international seminar on AI,Presented / contributed their research paper AI in Data Science for Healthcare: Cutting-Edge Methods for Patient Management, Treatment Optimization, and Disease Prediction

Projects

Ecommerce site (clone of Myntra) MCA

2019

using mern stack

Workshop

Cloud Computing

3-10-2015

NSLCOMP

Skills

MERN Stack Web development

HTML,Css, javaScript,React,Nodejs,Expressjs

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Microsoft Office

Word, PowerPoint, Excel

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Competency and Skills

- Strong analytical and problem-solving skills

- Knowledge of machine design, manufacturing processes and mechanical systems

- Understanding of mechanical and electromechanical systems

- Result-driven work approach Good team player and leadership The ability to analyze and interpret data Good communication and presentation skills Sincerity and Self Confidence

Certifications

Oracle   **2014**

Underwent workforce development program in ORACLE during March 2014

Personal Details

Personal Details

Father Name   : **Mr. Basant Ram Mother**

Name   : **Mrs. Madhuri Devi**

D.O.B   : **02-10-1996**

Marital Status   : **Unmarried**

Sex   : **Female**

Nationality   : **Indian**

Self Declaration

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge and belief.

(Pooja Kumari Gupta)