**Resume**

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| **Vikas Kumar** |  |  |
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| **E-Mail ID: [vsangwan06@gmail.com](mailto:vsangwan06@gmail.com)**  **Mob No.: +91 99924-77742, 81682-75723** |  |  |

**Objective**

Seeking a position as a Computer Science and Engineering Faculty with an opportunity for continuous growth and to implement my practical knowledge to shape up to the next generation. I intend to build a career with a leading organization in a Hi-Tech environment with committed & dedicated people and give my best to achieve the organization’s goals.

**Academic Credentials**

* **Pursuing Ph.D. (Computer Science & Engineering)** from **Guru Jambheshwar University of Science and Technology, Hisar.**
* **M.Tech** in **Computer Science & Engineering** from **Sharda University**, **Greater Noida** with **76.90**% **(CGPA: 7.69)** in 2018.
* **Master in Computer Application** from **GJUS&T**, Hisar with **72.50% (CGPA: 7.25)** in 2016.
* **Bachelor** **in** **Computer Application** from **MDU,** Rohtak with **71.30%** in 2013.
* **12th from** **Eklavya Sr. Sec. School, Badhra** with **72.50%**in 2010.
* **Matriculation** from **Pragya Sr. Sec. School, Bhandwa** with **67.60%** in 2008.

**Areas of Interest**

* **Data Mining**
* **Machine Learning**
* **Networking.**
* **Data Structure**
* **Operating System**
* **Data Base Management System**

**Certifications**

* **HTET (Haryana Teacher Eligibility Test) Qualified (January 2022)**
* **NET (National Eligibility Test) Qualified (June 2019, December 2019, December 2020)**
* **Overall 40th rank in the HOLET test for MCA.**

**Project**

**Name of the Project*:*** Intrusion Detection using Ensembled based stacking approach in M.Tech.

**Period:**  12 months (August 2017 to August 2018)

**Name of the Project*:*** Online Job Consultancy in MCA.

**Period:** 6 Months (December 2015 to May 2016

**Teaching Experience**

* Working as an **Assistant Professor** at **IIMT College of Engineering,** Greater Noida, UP from 20th December 2023 to present.
* Worked as an **Assistant Professor** at **Chandigarh University,** Mohali, Punjab from 3rd AUGUST, 2022 to 18 Dec 2023.
* Worked as an **Assistant Professor** at **GL BAJAJ Institute of Management,** Greater Noida from 18 Oct 2018 to 1st August 2022.

**Research**

**Paper Published**

* **Vikas Kumar,** Ritika: “An ensembled-based stacking approach for Network Intrusion Detection System”. In: *Journal of Emerging Technology and Innovative Research (JETIR),* Vol. 06, No. 06, pp. 968-971. (2019).
* Dr. Bharti**, Mr. Vikas Kumar: “**AI-powered network and security in a financial Transaction”. Represented in the *National Conference on Recent innovation and evaluation in engineering, science, and management.* (2024).
* Harsh Kumar**,** Aanchal Sharma, **Mr. Vikas Kumar: “**Deep Dive into potato disease identification: A review of Machine Learning and Deep Learning Models”. *Represented in the National Conference on Recent innovation and evaluation in engineering, science, and management*. (2024).
* Shaurya Veer Singh Pathania, Manisha Nagpal**,** Dr. Kalpana Singh, **Mr. Vikas Kumar:** “HMMS: Hostel Monitoring Management System”. *Represented in the National Conference on Recent innovation and evaluation in engineering, science, and management.* (2024).
* **1 more paper Accepted in the conference (Scopus).**
* **2 More papers communicated at the UGC conference.**

**Book Chapter Published**

* **Kumar, V**., Gupta, M. and Gaur, S., 2022. Intrusion Detection for the Internet of Things. In *Internet of Things and Cyber-Physical Systems* (pp. 183-208). CRC Press.

**Patient Published**

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|  | **Total Number of Patents** | | | |
| S.NO | Name of Patent | Status as Registered/ Granted | Year of Grant | Details on Patent |
| 1 | Machine Learning Approach for Detection of DDOS Attack in Software Defined Network | Published | 2024 | Patent Published by Govt. of India |
| 2 | Drowsiness Detector- An AI-based Application for Detecting Drowsiness | Published | 2022 | Patent Published by Govt. of India |
| 3 | A Data Analytics-based System for Student Performance Monitoring | Published | 2022 | Patent Published by Govt. of India |
| 4 | Deep Learning-Based Automated Fresh Fruit Selection System | Published | 2022 | Patent Published by Govt. of India |
| 5 | AI and IoT based Real Time Tracking System for Object Tracking | Published | 2022 | Patent Published by Govt. of India |

**Faculty Development Program Attended**

* Presented in Five Days Faculty Development Program organized by the Department of Computer Science and Engineering (IIMT College of Engineering, Greater Noida) in association with the Computer Society of India held from 19th February to 23rd February 2024.
* Participated in a 10-day online Workshop on **“Open-Source Tools for Research”** organized by Sanatan Dharma College, Ambala Cantt held from March 11th to 20th 2022.
* Participated in One Week Online Faculty Development Program on **“Emerging Trends and Advances in Computational Intelligence (ETACi-2022)”** organized by the Department of IT (Babu Banarasi Das Institute of Technology and Management, Lucknow), in association with **TCS** held from Feb 28th to March 5th, 2022.
* Participated in One Week Online Faculty Development Program on **“Cyber Security and Artificial Intelligence with Hands-on Training”** organized by the Department of CSE (Sharda University, Greater Noida), in association with the Center for Cryptology & Cyber Security and Center for Artificial Intelligence in Medicine, Imaging & Forensics held from Feb 21st to 26th 2022.
* Participated in One Week Online Faculty Development Program on **“Emerging Trends in Machine Learning Technologies”** organized by the Department of CSE (Guru Jambheshwar University of Science and Technology, Hisar) in association with World Bank TEQUIP -III from **29th June- 4th July 2020.**

**Technical Skills**

* Operating system : **Linux, Unix, Windows, Mac**
* Programming Languages : **Python**, **Java, C/C++,**

**Activities**

* Worked as a Time Table and ERP Coordinator at IIMT College of Engineering.
* Worked as a Time Table (ASC Software) and Examination Coordinator at Chandigarh University.
* Worked as an Admission Cell at GL BAJAJ Institute of Management, Greater Noida.
* Worked as a Time Table and Examination Coordinator at GL BAJAJ Institute of Management, Greater Noida.
* Worked as a Class Representative in MCA, Guru Jambheshwar University of Science and Technology, Hisar.
* Worked as a Volunteer in an event, at Guru Jambheshwar University of Science and Technology, Hisar.

**Personality Traits**

* Dedication to the assigned work, motivation for quality, and excellence in the profession.
* Ability to do well individually as well as in a group.
* Having good planning and problem-solving skills.

**Hobby**

* **Reading, Learning, Browsing**

**Personal Profile**

* **Date of Birth :** 03rd June, 1993
* **Sex :** Male
* **Marital Status :** Married
* **Postal Address :** Vikas Kumar S/O Sh. Om Prakash, VPO- Badal

Charkhi Dadri, (Haryana), Pin Code: 127026

**Declaration:** I hereby declare that the above details are true & correct to the best of my knowledge and belief.

**Place:** Charkhi Dadri

**Date:** July 14, 2024 **[Vikas Kumar]**