	AKASH SINGH akash130595@gmail.com | +91 83185 30683 | LinkedIn
<mark>Skills & Interests</mark>	• **Technical:** Machine Learning, Python, Linux, Core Java, Advance Excel, SQL, MongoDB, Apache Spark, Hive, Airflow, Kafka, Hadoop, Cloud Computing, Microsoft Office(Power Point, Word) , C, Power BI, Tableau Desktop, Tableau Server. • **Hobbies**: Mountaineering, Meditation, Gaming, Sports (Football, Chess and Cricket)
<mark>Experience</mark> Jan 2020 - Mar 2023	**Evelyn Learning Pvt Ltd** **Noida** **Quality Analyst** • Applied **statistical techniques** to **interpret data, analyze results, and provide ongoing reports.** • **Utilized Power BI, SQL, Python, Excel, Tableau** to **manipulate** and **analyze large datasets.** • **Participated** in team meetings to **discuss data-related challenges** and proposed solutions. • **Reviewing**, **analyzing**, and reporting on **quality discrepancies**. • Delivered the content with an accuracy of 99%. • **Lead** a team of 10 members and was responsible for coaching, mentoring and training the team. • **Create graphs, charts, and visual representations of data in Excel** to aid in understanding and decision-making
July 2018 - Oct 2019	**Startup- inhubpage.com** Entrepreneur-in-residence **Delhi** • Worked closely with alumni of DTU, Delhi and ISB Hyderabad **Mr. Subhav Sinha** in his **startup inhubpage.com**. • Fostering **innovation and new ideas** within the organization or startup community. • Offering **strategic advice** and **insights on business development**, growth strategies, and market opportunities. • Assisting in **problem-solving**, **identifying challenges**, and **finding solutions** for startups. • Conducting **market research and analysis** to help startups understand their target market and competition.
<mark>Acad. Project</mark> July 2023 - August 2023	**Verification of The Test Taker using Machine Learning** • Designed an elegant **graphical user interface (GUI)** with a **90% user satisfaction rating**. • Trained and implemented a face recognition model with a **recognition accuracy rate of over 98%**. • Successfully integrated a **real-time database** capable of **storing login details** and **recognizing faces**, with an **average response time under 200 milliseconds**. • Automated data entry processes with **100% accuracy in real-time database** updates. • Designed a scalable system capable of **handling over 1,000 concurrent users without performance degradation**. • Proficient in using key Python libraries, including: **Scikit-Learn| Pandas | NumPy | OpenCV | Dlib | Jupyter Notebooks | Face-Recognition model** •
<mark>Acad. Project</mark> June 2023 - July 2023	**Liver Patient Analysis using Machine Learning** • Developed a machine learning model to **predict the likelihood of liver disease** in patients based on various medicalparameters and historical data. • Achieved a data cleaning and preprocessing **efficiency of 95%**, resulting in a high-quality dataset. • Improved model performance by **extracting 10 relevant features** that led to a **15% increase in predictive accuracy**. • Evaluated and selected the **Random Forest machine learning algorithm**, achieving an **accuracy of 90% on the test dataset**. • Achieved an **F1-score of 0.88** and an area under the **ROC curve (AUC) of 0.95** through model tuning and validation. • Implemented a **5-fold cross-validation**, resulting in a model variance **reduction of 12%** and preventing overfitting. • Proficient in using key Python libraries, including: **Scikit-Learn| Pandas | NumPy | Matplotlib | Seaborn | Jupyter Notebooks |** • Acquired an **in-depth understanding** of medical data, leading to a **25% increase in diagnostic accuracy** for liver diseases.
<mark>Acad. Project</mark> Dec 2017 - May 2018	**Braking of Three Phase Induction Motor by Voltage and Frequency** • Observed a **15% reduction in motor speed within 5 seconds**, demonstrating the effectiveness of **voltage reduction** for quick braking. • Observed a **20% reduction in motor speed within 10 seconds**, indicating that **frequency control** can provide smooth and controlled braking. • Observed a **30% reduction in motor speed within 8 seconds**, showcasing the **synergy between voltage and frequency control** in braking applications.

Education **Mar 2023-Sep 2023**	**CDAC KP** **PG-DIPLOMA** in **BIG DATA ANALYTICS** • Acquired skills in **statistical analysis**, **machine learning, big data technologies, and data visualization**. • I was **Student Leader** and was responsible for supporting fellow students, advocating for their interests and well-being.	**Bangalore**
2014-2018	**JSS ACADMEY OF TECHNICAL EDUCATION** Bachelor of technology, Electrical Engineering • **President** of a college society; responsible for managing the team and events. • **Won 3 trophies** as **captain** of college volleyball team; **Bagged 1st position** in Chess.	**Noida**
2010-2013	**ARMY PUBLIC SCHOOL** Class 12 (CBSE) & Class 10 (CBSE) **Won 2 trophies** as **captain** of school volleyball team; **Won Gold medal** in Chess in a cluster event.	**Lucknow**