SHAZID SHAIK

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SUMMARY

A precocious computer science student with an impressive track record of conceptualizing and delivering innovative, industry-leading solutions. Adept at leveraging cutting-edge technologies to drive measurable operational improvements, enhance user experiences, and unlock new avenues for business growth. Recognized for an entrepreneurial spirit, collaborative leadership style, and unwavering commitment to excellence.

EDUCATION

Bachelor of Computer Science with a specialization of Artificial Intelligence, Jain University 2019 - 2023

SKILLS

Technical Skills	Machine Learning, Computer Vision, Web Development (Python, Django, HTML, CSS), Data Analytics (SQL, MongoDB, Tableau, Predictive Modeling, Data Mining, Business Intelligence, Statistical Data Analysis) and Artificial Intelligence.
Soft Skills	Problem-Solving, Critical Thinking, Effective Communication, Adaptability, Teamwork and Collaboration.

EXPERIENCE

Data Analytics & Visualization Virtual Internship   Apr 2025
Accenture North America (via Forage)

- Completed a job simulation focused on advising a hypothetical social media client as a Data Analyst.
- Cleaned, modeled, and analyzed 7 datasets to uncover content trends and drive strategic recommendations.
- Created a PowerPoint deck and video presentation to deliver insights to internal stakeholders and the client.

Data Visualization Virtual Internship   Mar 2025
Tata Consultancy Services (via Forage)

- Completed a simulation project focused on empowering business leaders with actionable data insights.
- Designed impactful data visualizations to support executive decision-making.
- Prepared targeted questions for client leadership meetings, aligning analysis with business goals.

Student Ambassador   Apr 2024 – Feb 2025
Adobe

- Formulated a marketing plan to capture 250+ student leads, engage 20 campus clubs, and secure 5 professor partnerships.
- Planned and executed 4+ Adobe workshops to teach students advanced application skills.
- Promoted Adobe through content creation and advertising on personal social media channels, driving increased free Creative Cloud activations and brand awareness.

LICENSES & CERTIFICATIONS

Lean Six Sigma White Belt Certification   Jan 2025
CSSC (Council for Six Sigma Certification)

- Acquired foundational knowledge in Lean Six Sigma methodologies, including DMAIC (Define, Measure, Analyze, Improve, Control) framework.
- Skilled in identifying process inefficiencies, reducing waste, and supporting continuous improvement initiatives.

PROJECTS

Dis-Easify. Developed a web application for diagnosing patient symptoms using advanced machine learning models, including Naïve Bayes, Random Forest, and Decision Tree, achieving 84 to 92.41 percent accuracy. Implemented Convolutional Neural Networks (CNN) for pneumonia image processing. Built a user-friendly interface with Django, HTML, CSS, and JavaScript, and utilized Pandas, NumPy, Seaborn, and Matplotlib for data manipulation and visualization.

Student Management Application. Architected a College Management and Administrative System, a web application designed to streamline student data tracking for universities and educational institutions. The system features a user-friendly interface and robust architecture, with the back end built using Flask and the front end developed with HTML, CSS, and JavaScript. Leveraged MongoDB Cloud for scalable and highly available database management, capable of handling large datasets efficiently.

Sign Language Detection. Developed a sophisticated real-time vision-based Sign Language Recognition Prototype focused on accurate identification of American Sign Language using alphabetic symbols. Implemented advanced Convolutional Neural Networks (CNN) leveraging OpenCV for precise hand feature extraction and robust machine learning algorithms. Designed to meet high standards of accuracy and reliability for practical deployment in real-world sign language recognition systems

Image Segmentation for Self-Driving Cars. Utilized deep learning advancements to improve semantic segmentation algorithms for self-driving cars, achieving high accuracy and real-time image processing. Implemented convolutional neural networks (CNNs) to classify pixels into categories like roads, sidewalks, buildings, and cars. Designed an efficient system using YOLO v3, trained on the CamVid dataset, enabling accurate road detection and real-time decision-making for safe, efficient navigation.

Netflix Movie Insights Dashboard. Developed a comprehensive data visualization project featuring a dynamic dashboard based on Netflix's latest dataset. The dashboard provides insights into multiple movies, showcasing ratings, genres, and other pertinent details. Leveraged effective data visualization techniques to present actionable insights and trends, enhancing understanding and decision-making capabilities. Applied advanced tools and techniques to ensure clarity, usability, and interactive functionality, making complex data accessible and meaningful for users.

PUBLICATIONS

"College Management & Administrative System", International Journal of Innovative Research in Computer and Communication Engineering, DOI: 10.15680/IJIRCCE.2022.1011037

"Sign Language Detection", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), DOI: 10.15680/IJIRSET.2023.1204255

"Semantic Segmentation Self Driving Cars", International Journal of All Research Education and Scientific Methods (IJARESM)

EXTRA-CURRICULAR ACTIVITIES

- Avid swimmer, competing in local and regional competitions.

- Passionate about video gaming, with experience in game modding and development.

- Enjoys photography, with a growing portfolio of diverse subjects and landscapes.

LEADERSHIP

- Actively involved in facilitating online events, career conversations, and more alongside other admins and a team of volunteer moderators.