Qaleel Sha Backer

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EDUCATION

Lovely Professional University   **Punjab, India**
Bachelor of Computer Science and Engineering; CGPA: 8   **August 2023 – July 2027**

SKILLS SUMMARY

- **Languages:** Python, Java, C, C++, SQL
- **Frame Works:** NumPy, Pandas, TensorFlow, Scikit Learn, Matplotlib
- **Miscellaneous:** HTML, CSS
- **Soft Skills:** Analytical thinker, Effective communicator, Team player

WORK EXPERIENCE

DATA SCIENCE INTERN | NullClass (Remote)   **Feb 25 – Present**

- Developed an AI-driven chatbot leveraging **Natural Language Processing (NLP) a**nd **Machine Learning,** improving response accuracy and efficiency.
- Trained the model using **Python, TensorFlow, and open-source LLMS** (Gemini AI, Google PaLM) to enhance user intent recognition and interaction handling.
- Implemented **data processing, model fine-tuning and performance optimization,** increasing chatbot accuracy by **85%** and reducing response latency.

PROJECTS

Customer Churn Prediction   **December 25**

- **Developed** a **Machine Learning model** to predict **customer churn** using real-world **telecom data**, enabling proactive retention strategies.
- **Processed** and **analyzed data** using **Pandas** and **NumPy,** ensuring data quality and extracting meaningful insights.
- **Applied Data Processing techniques,** including handling missing values and feature selection, to improve model performance.
- **Fine-tuned the model** using **Python, Scikit-Learn,** ensuring reliable and easy to understand insights.

CERTIFICATES

Byte-Bash India Hackathon | LPU   **October 23**

- **Runner-up** at Byte-Bash India Hackathon 2023
- Gained hands-on experience in full-stack web development and data base management

Computer Communications Specialization | University of Colorado Boulder   **Nov-24**

- Gained depth knowledge of network protocols, data transmission techniques, and network security
- Completed Fundamentals of Network Communication, Peer-to-Peer Protocols and Local Area Networks, Packet Switching Networks and Algorithms and TCP/IP and Advanced Topics

Bits and Bytes | Google   **September 24**

- Gained a comprehensive understanding of fundamental networking concepts, including network protocols, data transmission, and network security

CIGI Internship | CIGI Calicut, Kerala   **June 24**

- Completed an Internship at CIGI Calicut, providing academic and career counseling to students, conducting aptitude tests, and assisting with administrative tasks.

Hardware and Operating System Essential | IBM   **September 24**

- Gaining a solid foundation in computer hardware architecture and Operating system