

TOP BAHADUR PUN

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<https://github.com/puntopbahadur>

Summary

Results-oriented QA Engineer with a proven track record of delivering high-quality software products. Passionate about identifying and resolving complex technical challenges to ensure optimal **product performance and user experience**. Committed to continuous learning and staying up-to-date with industry best practices.

Experience

QA Engineer, Brio Technologies – Hyderabad, Telangana, India. Oct 2023 – Present

- Ensured the accuracy and functionality of core modules including leave requests and approvals, reimbursement, attendance, loan management, tax declarations, and payslip generation.
- Collaborate closely with the Product Manager to thoroughly document detailed test cases, plan and execute software tests, and maintain quality standards throughout the development process, ensuring the final product meets all requirements.

Education

Lords Institute of Engineering and Technoloy - Hyd, B.Tech in CS July 2017 – Aug 2022

- **Division:** First Class
- **Coursework:** Cloud Computing, Algorithms, Web Technologies, Machine learning and Compiler Design, etc.
- **Project:** Agricultural Image Analysis - Developed a deep learning model to accurately segment and classify crop images into various growth stages. This project enhanced decision-making in agriculture by optimizing harvest timing, improving crop management, and reducing post-harvest waste.
- **Technologies/Framework:** TensorFlow, OpenCV, CVAT, QGIS, FastAI, Seaborn.

Projects

Chatbot Development

- Built an NLP-based chatbot for a food delivery system using Dialogflow, with backend integration in Python and FastAPI.
- Tools Used: Dialogflow, NLP, FastAPI and MySQL.

Real Estate Price Prediction System

- Built and implemented an end-to-end machine learning model to predict house prices, utilizing advanced regression techniques for accurate market analysis.
- Tools Used: Scikit-learn, Pandas, and Seaborn.

LLM-based QA System for Retail

- Built an LLM-based QA system for a retail store, allowing customers to ask questions about t-shirt sizes and receive informative responses.
- Tools Used: NLP, LLMs, and FastAPI.

Certifications

Master Machine Learning for Data Science and AI Aug 2024

Learned numpy, pandas, seaborn, matplotlib, supervised and unsupervised learning.
<https://codebasics.io/certificate/CB-69-263425>

AI Fundamentals Sept 2024

Learned NLP, LLMs and CNN.
<https://codebasics.io/certificate/CB-65-263425>

Technical Skills

Languages: Python, Java, JavaScript, SQL, JavaScript, HTML and CSS.

Technologies: UI Development, Cloud Computing, Machine Learning and AI.