Jinanshi Shah

PURSUING BACHELORS IN COMPUTER SCIENCE

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WORK EXPERIENCE

Data Analyst Trainee   **Oct 2023 - Feb 2024**
Trainity
- Formulated **5+ projects** involving data cleaning with a **95% reduction in inconsistencies**, comprehensive analysis, and the creation of **30 detailed visualizations,** leading to a **40% increase** in **report generation efficiency.**
- Enforced predictive models that improved accuracy by 20%, enhanced SQL queries with a **40% performance boost**, and modeled outlier detection methods **correcting 98% of anomalies, saving 15 hours** of manual validation **per week.**
- Chaired multivariate and regression analyses on **datasets with over 1 million records**, enhancing data-driven decision-making efficiency by 25% and **reducing decision-making time by 30%.**

EDUCATION

Bachelors in Computer Science   **Sep 2022 - Present**
LD College of Enginnering
Relevant Coursework: Algorithms & DS, InfoSec, Artificial Intelligence, Theory of Computation, Data Mining.

Diploma in Computer Science   **Aug 2019 - May 2022**
Government Polytechnic, Jamnagar   *CGPA : 9.49 / 10*
Relevant Coursework: Operating Systems, OOPs Concepts , DBs , Computer Networks.

KEY PROJECTS

FrameFusion
- Engineered a desktop version for **capturing quality images** with essential controls, including focus, zoom & exposure adjustments.
- Incorporated basic photo effects such as **filters and color** adjustments for **enhanced image editing** & engineered an **intuitive user interface** for **easy navigation** and **efficient access to capture and editing tools.**

SheetXpert
- Revitalized spreadsheet application mirroring Excel functionalities with an intuitive user interface; optimized data processing speed by 40% and enhanced usability resulting in 25% increase in data accuracy.
- Integrated **data manipulation features**, **formula calculations,** and comprehensive tools for **effective spreadsheet management**.

Dall-è Clone
- Deployed an **image gen tool** inspired by Dall-è , curating deep learning methodologies to create **diverse visuals from text prompts.**
- Integrated advanced **OpenAI technology** to enhance content visualization, achieving a 25% improvement in image standards and a 30% surge in visual diversity ensuring **varied and precise image** outputs processing over **50,000 images.**

Conversational AI
- Programmed AI-driven conversational software for **seamless voice-based interactions** and **general assistance** using advanced natural language understanding **supporting diverse applications** and use cases with enhanced automated usability.
- Emphasized **TTS** and **NLP** to handle over 95% of diverse user queries with an average response accuracy of 98%.

Keylogger for Desktop
- Optimized to **capture screenshots, record audio, take webcam photos** & **collecting network, system, clipboard & browser data.**
- Utilized **multiprocessing** to log every 15 seconds for screenshots, 10 seconds for audio, and 5 seconds for webcam photos.
- Ensured **secure data handling** by encrypting data, sending it via email, & **automatically deleting the log directory**, resulting in a **50% reduction in manual oversight.**

Trou'vaillè - A Counselling Space
- Tailored a web app with **MCQ slider tests** to assess user needs and **connect users with diverse range of experts.**
- Extended **mental & emotional** well-being **support** through professional blogs, articles and **chat, video & audio** counseling sessions.
- Awarded a **Top 3 position** amongst **50+ groups** in an inter-college fair for **outstanding technical innovation** and the development of a **comprehensive counseling platform.**

SKILLS

Data Engineering & Visualization: Data Mining & Warehousing ETL Processes, Power BI, Seaborn, Pandas & NumPy, Tableau, Looker, AWS, GCP, D3.js, BigQuery, Apache Kafka & Spark, Hadoop, Jupyter Notebooks, Keras, PyTorch, ElasticSearch, DataBricks, Scikit-Learn, SpaCy, Transformers, Plotly
Programming & Scripting Languages: Java, Android, Python+Django, C++, MySQL, PHP, Rust, Firebase, MongoDB, JS-Libs, NoSQL
CyberSecurity: PortSwigger + BurpSuite, MATLAB, WireShark, NMap, MetaSploit, OWASP, Nessus
Web & API Technologies: Postman API, REST APIs, NodeJS, VueJS, React, Flask, GraphQL, Tailwind, Azure, NextJs, NuxtJs
DevOps & CI/CD: DevOps Engineering, Docker, Kubernetes, Gradle, Maven, Git & GitHub, Scrum, Jira, Ansible, Jenkins, Terraform, Prometheus

ACHIEVEMENTS

- University Topper In Diploma Course
- Champion Of Champions (CoC) at National Level for Vedic Maths outperforming over 75,000+ competitors
- Academics Educator at Top Academys and Voluntary Organizations, empowering Education, impacting over 1,000+ students
- Selected for Oxford University's prestigious Computer Science Summer program - 2023, showcasing academic excellence and dedication to the field.