

AYUSH PRAJAPATI

DATA ANALYST — SQL Querying, Power BI Dashboards & Python Programming

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SKILLS

- **Data Visualization:** Power BI, Tableau, Microsoft Azure, Cloud Computing, Machine Learning, CI/CD
- **Programming:** Python, Java, C, C++, JavaScript, SQL, MongoDB, SQLite, Node.js, Next.js, PHP
- **Web Development:** React.js, Material UI, jQuery, NPM, REST API, MVC, MVT, Functional Programming
- **Software Tools:** Git, Jira, Object Oriented Programming, Agile, Backend, Frontend, Full-stack Development
- **Database Systems:** NoSQL, SQL schema design, query optimization, data modeling, integration workflows

WORK EXPERIENCE

Data Analyst Intern

October 2023 – January 2024

Reality AI Lab

Ontario

- Engineered Python pipelines automating KPI dashboards, improving reporting efficiency for 10,000+ users and reducing manual workload by 40%.
- Coordinated analytics delivery via GitHub Codespaces, compressing turnaround timelines by 30% and enhancing collaborative version control workflows.
- Optimized API extraction and transformation processes, elevating data accuracy by 25% and accelerating query performance across reporting assets.
- Established governance standards for data quality and documentation, ensuring delivery consistency and reducing compliance deviations by 20%.
- Constructed Power BI dashboards visualizing KPIs, accelerating executive insights and improving conversion rates by 15% across sales pipelines.
- Consolidated cross-functional datasets into unified repositories, strengthening analytical reliability and reducing redundant processing cycles by 18%.

Deep Learning Intern

January 2022 – May 2022

DHINEURAL

India

- Investigated CNN and ANN architectures, contributing to prototype solutions and improving model efficiency benchmarks by 20% in controlled trials.
- Processed raw datasets with advanced pre-processing, achieving 15% accuracy improvement and eliminating inconsistencies across different training inputs.
- Developed and fine-tuned ANN and CNN models, reducing computational processing time by 25% while maintaining predictive stability across iterations.
- Integrated deep learning models into Android applications, conducting rigorous testing and achieving 30% improvement in runtime stability metrics.
- Implemented augmentation pipelines diversifying training datasets, enhancing generalization and reducing overfitting rates by 22% across test sets.
- Validated deployed models through iterative evaluation cycles, ensuring reproducibility and improving deployment readiness scores by 17% overall.

PROJECTS

AgroPlace - Virtual Agriculture Marketplace

[GitHub](#)

Team Lead - University of Windsor

- Architected marketplace integrating ML insights, linking 500+ users, improving trade efficiency 35%.
- Implemented Market Trend and Recommendation models, boosting predictive accuracy 22% and adoption.
- Directed collaboration for feature deployment, reducing integration errors 28% and accelerating cycles.
- Executed data-driven pipelines delivering insights, improving decision-making speed 30% for stakeholders.

EDUCATION

Master of Applied Computing (Computer Science)

September 2022 – December 2023

University of Windsor, Windsor, Canada

Bachelor of Engineering (Information Technology)

August 2018 – May 2022

Aditya Silver Oak Institute of Technology – Gujarat, India

CERTIFICATIONS

- **Microsoft Certified: Power BI Data Analyst Associate (PL-300)** – Microsoft
- **Generative AI Leader** – Google
- **Databricks Fundamentals** – Databricks
- **Google Data Analytics Specialization** – Google
- **Microsoft Certified: Azure Fundamentals** – Microsoft