Prasanna Jain

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**SUMMARY**

Highly motivated Data Engineer with 2+ years of experience in data collection, extracting, analyzing, and visualizing media buying performance data. Skilled in wrangling and organizing data using tools like Python, SQL, Excel, and Tableau. Proven ability to develop insightful reports and dashboards to support business needs and continuous improvement.

**WORK EXPERIENCE**

**Alliance Bernstein |** *Data Engineer* **Jun 2023 - Jun 2025**

* Created a **multi-agent system** using existing LLM architecture to support a reporting application, resulting in **45% improvement in operational efficiency** and **automated detection of errors** in retirement fund reports.
* Engineered a reconciliation app for shareholding reports, saving ~$500K annually.
* Optimized transactional data using archival scripts, reducing server data by 1.9 TB.
* Developed SQL-based analytical reports and **Power BI dashboards** to support executive decisions.
* Managed Jira tickets and Confluence documentation to ensure transparency, accountability, and streamlined collaboration across teams.
* Improved internal trading system (AbbieX), contributing to savings of $250K+.
* Managed **Jira tickets and Confluence documentation** for effective project delivery.
* Conducted analytical reporting and data presentation to support decision-making.

**Hewlett Packard Enterprises |** *Technical Solutions Consultant* **Jan 2023 - Jun 2023**

* Analyzed client needs and curated a portfolio of 136 tailored products, effectively utilizing data visualization techniques.
* Employed data visualization techniques to comprehend and convey client needs, leading to the successful implementation of a Software-Defined Data Centre (SDDC).
* Facilitated the implementation of adaptive technological infrastructure by aligning client objectives with year-end goals.
* Converted client requirements into actionable strategies, optimizing product offerings and infrastructure.
* Conducted A/B tests to evaluate the quality of models.

**EDUCATION**

**2025 - Present**

**University of Washington, Foster School of Business, Seattle, WA|** *M.Sc Business Analytics*

**2019 - 2023**

**Symbiosis Institute of Technology Pune, MH |** *B.tech, Computer Science*

**RESEARCH and LEADERSHIP EXPERIENCE**

**Student Research Projects (Independent & Collaborative)**

* Developed exploratory ML models using Python for predictive analytics. **IJNRD-2023**
* Participated in collaborative projects aligned with real-world applications (e.g., NLP, optimization, data wrangling).

**Reverb 2020 SIT, Pune | Director – Mental Health Committee**

* Led awareness and wellness initiatives impacting 100+ employees and families.
* Presented mental health research during ALPFA Regional Pre-Convention workshops.

**The Akshaya Patra Foundation, Pune | Volunteer Lead**

* Coordinated food rescue events donating to 500+ shelters, reducing food waste by 70M+ pounds of GHG emissions.

**CERTIFICATIONS**

* **Data analytics**: Google
* **Advanced Python**: University of Michigan
* **Software Process and agile practices**: University of Alberta

**TECHNICAL SKILLS**

**Languages & Programming:** Python, SQL, HTML, CSS

**Areas of Experience:** Machine Learning, Deep Learning, Natural Language Understanding, Data Science, Algorithmic Optimization

**Tools & Technologies:** Power BI, JIRA, Confluence, Azure, MSSQL, Git, .NET, DevOps, Statistics, Databricks

**Soft Skills:** Research experience, publication collaboration, cross-functional teamwork, excellent communication, detail-oriented

**OTHER**

**Interests:** Hackathons, MUNs, Public Speaking, Football, Blogging