

# Liliana Bishop

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## SUMMARY

Driven AI Engineer with over 5 years of experience developing and implementing LLM/GenAI solutions. Passionate about leveraging data modeling and advanced problem-solving to create scalable, secure applications. Skilled in collaborating with diverse teams, delivering projects on time while aligning with governance standards. Proven ability to enhance operational readiness through hands-on support in quality assurance and performance optimization. Eager to join Innovative Tech Solutions to contribute to cutting-edge AI applications that push technological boundaries.

## EXPERIENCE

**AI Engineer** January 2022 - Present  
Tech Innovations Inc. *Dallas, TX*

Serve as an AI Engineer focused on designing and deploying scalable AI solutions within production pipelines. Collaborate closely with both technical and non-technical teams to ensure successful integration of advanced AI models in line with business objectives.

- Design and implement robust AI solutions integrating LLM technologies for various applications.
- Build production pipelines ensuring operational efficiency and compliance with security protocols.
- Conduct ongoing performance tuning and optimization of deployed AI applications.
- Facilitate knowledge sharing by mentoring junior team members on best practices.

**AI Consultant** June 2020 - December 2021  
Smart Data Solutions *Houston, TX*

Engaged as an AI Consultant responsible for devising integration strategies across multiple platforms. Key focus on the training and support of stakeholders to elevate understanding of AI tools and compliance frameworks.

- Supported clients in designing workflows for efficient AI model integration.
- Created detailed data retrieval processes utilizing state-of-the-art AI algorithms.
- Delivered workshops empowering stakeholders with insights into AI capabilities and governance roles.
- Actively participated in project meetings conveying technical insights to assist in strategic decisions.

**Junior AI Developer** July 2019 - May 2020  
Data Science Corp. *Austin, TX*

Functioned as a Junior AI Developer contributing to the development and deployment of machine learning models. Responsibilities included assisting in data processing tasks and applying feature engineering techniques for enhanced model performance.

- Collaborated within a team to construct and refine machine learning models catering to client needs.
- Assisted in creating and maintaining data processing pipelines enhancing data accessibility.
- Performed testing and monitoring on AI applications, upholding quality benchmarks in deliverables.
- Documented processes and findings to support iterative improvements in project delivery.

## PROJECTS

**AI-driven Chatbot Solution** 📅 January 2023

Developed an innovative chatbot using LLM technology aimed at improving customer service response times. Focused on natural language processing to enhance user interaction experiences.

**Real-time Analytics Dashboard** 📅 June 2023

Created a real-time analytics dashboard integrating various AI models to provide timely insights for decision-makers. Utilized data visualization tools for impactful presentations.

## LEADERSHIP & AWARDS

- Recipient of Smart Data Solutions' Achievement Award for excellence in project execution, promoting ethical standards in AI development.
- Honored with Tech Innovations Inc.'s Employee of the Month for exceptional teamwork and collaboration achievements in enhancing product outputs.

## EDUCATION

**Bachelor's Degree in Computer Science** 2019  
University of Texas at Austin GPA: 3.8 *Austin, TX*

**Coursework:** Data Structures, Machine Learning, Algorithms, Cloud Computing

## CERTIFICATIONS

- AWS Certified Solutions Architect 📅 2022
- Certified Data Scientist 📅 2021

## TECHNICAL SKILLS

- **Cloud Platforms:** AWS, Azure, GCP
- **Programming Languages:** Python, Java, R
- **Data Handling Tools:** Pandas, NumPy, SQL
- **Development Frameworks:** TensorFlow, PyTorch, Scikit-learn
- **Visualization Tools:** Tableau, Matplotlib, Seaborn
- **Version Control Systems:** Git, GitHub, Bitbucket
- **CI/CD Tools:** Jenkins, Travis CI, CircleCI
- **Testing Frameworks:** Postman, JUnit, pytest
- **Project Management Tools:** Trello, Asana, Jira
- **Collaboration Tools:** Slack, Microsoft Teams, Zoom

## SKILLS

- AI/ML Development
- Data Engineering
- Cloud Computing (AWS)
- API Development
- Real-time Inference
- Machine Learning
- Data Modeling
- Governance Standards
- Cross-functional Collaboration
- Ethical AI Practices
- Data Analytics
- Automation Tools
- Performance Tuning
- Software Development
- Quality Assurance

## PROFESSIONAL AFFILIATIONS

- Active member of Women in Technology, participating in initiatives supporting diversity in tech fields.
- Volunteer with AI for Good, offering pro bono consulting for non-profits looking to improve operations through AI solutions.

## LANGUAGES

- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST