

Freya Vazquez

AI Solutions Architect

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SUMMARY

Experienced AI Solutions Architect dedicated to delivering powerful, efficient solutions. Passionate about leading design and development efforts for complex AI/ML systems while ensuring seamless integration with existing infrastructure. Adept at creating architecture artifacts that define specifications and govern standards across cross-functional teams. Committed to validating non-functional needs such as performance, security, and availability. Energized by collaboration, driving successful outcomes while adhering to industry regulations. Eager to join Creative Tech Solutions and leverage diverse skills and experiences for impactful innovations.

EXPERIENCE

Senior AI Solutions Architect

Tech Innovators Inc. 📅 January 2021 – Present 📍 Austin, TX

Lead the design and implementation of scalable AI/ML solutions, prioritizing innovation and robustness in systems. Oversee technical documentation production, including high-level and low-level designs. Collaborate with cross-disciplinary teams to solidify governance standards and facilitate a smooth project lifecycle.

- Spearhead architectural design for AI/ML initiatives, enhancing system capabilities.
- Produced detailed documentation, comprising high-level and low-level artifacts.
- Worked alongside engineering teams to align technical directions with business objectives.
- Guaranteed adherence to compliance measures, ensuring governance will be upheld.

AI Solutions Architect

NextGen AI Services 📅 June 2016 – December 2020 📍 San Antonio, TX

Crafted comprehensive AI-driven solutions focused on improving customer engagement and streamlining workflows. Managed stakeholder alignment to ensure projects supported overarching business strategies. Established best practices around integration patterns and interfaced effectively with various platforms.

- Developed full-cycle AI solutions targeting enhanced customer interaction.
- Coordinated with stakeholders to ascertain project alignment with strategic goals.
- Identified integration frameworks that reinforced operational efficiencies.
- Facilitated communication across teams for synergistic project execution.

AI Engineer

Innovative Data Systems 📅 August 2014 – May 2016 📍 Dallas, TX

Focused on architecting algorithms and models designed to boost operational efficiency in core processes. Engaged with vast data sets to create machine learning engines capable of enriching analytics practices within the organization.

- Designed sophisticated AI models aimed at enhancing processing capabilities.
- Utilized extensive data sources to implement actionable machine-learning frameworks.
- Collaborated with analytics teams to deliver valuable insights through automation.
- Pioneered tools that streamlined the deployment of AI technologies.

LEADERSHIP & AWARDS

- Recognized as 'Innovator of the Year' at Tech Innovators for developing game-changing AI solutions in 2022.
- Received Excellence in Engineering Award from NextGen AI Services for outstanding solution architecture in 2019.

EDUCATION

Master's Degree in Computer Science

University of Texas at Austin 🎓 GPA: 3.8 📅 2014 📍 Austin, TX

Coursework: AI Concepts, System Design, Machine Learning, Data Structures

CERTIFICATIONS

- Certified AI Solutions Architect 📅 2022
- AWS Certified Solutions Architect 📅 2023

TECHNICAL SKILLS

- **Architecture Methodologies:** TOGAF, Zachman, Agile
- **Programming Languages:** Python, Java, C++
- **Cloud Service Providers:** AWS, Azure, Google Cloud
- **Data Analysis Tools:** Pandas, NumPy, TensorFlow
- **Collaboration Platforms:** JIRA, Confluence, GitHub
- **API Integrations:** RESTful, GraphQL, SOAP
- **Security Protocols:** IAM, SSO, VPN
- **Version Control Systems:** Git, Mercurial, SVN
- **Development Frameworks:** Django, Flask, Spring
- **Machine Learning Libraries:** Scikit-learn, Keras, PyTorch

SKILLS

- AI/ML Architecture
- Python
- Java
- C++
- Integration Patterns
- Stakeholder Management
- Solution Design
- Compliance
- Scalability
- Architecture Artifacts
- Data-Driven Solutions
- Performance Testing
- Risk Mitigation
- Technical Documentation
- Cross-Functional Leadership
- Governance Standards

PROFESSIONAL AFFILIATIONS

- Active member of the AI Professionals Network, participating in initiatives aimed at industry advancement.
- Contributed to community technology workshops focusing on artificial intelligence education.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST