

Logan Wood

AI/ML Engineer

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SUMMARY

Results-driven AI/ML Engineer with over 5 years of experience in designing and deploying scalable AI solutions. Proficient in Python and SQL, showcasing a solid grasp of data engineering principles. Demonstrated ability to collaborate effectively with cross-functional teams, delivering impactful AI-driven insights. Passionate about leveraging technology to enhance operational efficiency and customer experience. Thrives in dynamic team environments that prioritize innovation and collaboration. Committed to continuous learning and staying abreast of technological advancements to provide best-in-class solutions.

EXPERIENCE

Data Engineer

FutureTech Innovations 📅 January 2023 - Present 📍 Chicago, IL

As a Data Engineer, key responsibilities include designing and implementing scalable data pipelines for real-time analytics and collaborating with data scientists to optimize machine learning models and workflows. Ensures data quality and integrity through comprehensive validation processes.

- Designed infrastructure for real-time data processing to support business intelligence initiatives.
- Collaborated closely with cross-functional teams to streamline workflows and improve data retrieval times.
- Implemented robust monitoring tools to ensure high availability and reliability of data systems.
- Participated in knowledge-sharing sessions, contributing valuable insights on data management.

Machine Learning Engineer

NextGen Analytics 📅 June 2020 - December 2022 📍 Chicago, IL

In the role of Machine Learning Engineer, developed and deployed predictive models aimed at enhancing business decision-making. Worked with stakeholders to gather requirements and translated them into technical specifications while conducting extensive testing and validation of AI solutions.

- Developed machine learning algorithms that improved forecasting accuracy significantly.
- Engaged with stakeholders to identify pain points and gather detailed functional requirements.
- Continued iterating on model performance based on feedback and rigorous compliance tests.
- Documented code and processes thoroughly to facilitate onboarding discussions with new team members.

Software Engineer

TechWave Solutions 📅 July 2018 - May 2020 📍 Peoria, IL

Worked as a Software Engineer, contributing to the development of a cloud-based application designed for data processing and analytics. Assisted in integrating machine learning algorithms into existing systems while participating in code reviews for architectural improvements.

- Played a pivotal role in executing software milestones aligned with strategic goals.
- Assisted peers in optimizing legacy systems by embedding advanced machine learning capabilities.
- Conducted system design reviews, supporting the establishment of coding standards.
- Contributed actively in team meetings, providing input on potential enhancements to project deliverables.

LEADERSHIP & AWARDS

- AWS Certified Solutions Architect
- Certified Data Scientist

EDUCATION

Bachelor's Degree in Computer Science

University of Illinois 🎓 GPA: 3.7 📅 2018 📍 Champaign, IL

Coursework: Machine Learning, Data Structures, Algorithm Design, Software Engineering

CERTIFICATIONS

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

TECHNICAL SKILLS

- **Data Pipelines:** Apache Airflow, MeteoDash, Streamlit
- **Programming Languages:** Python, R, Java
- **Machine Learning Frameworks:** Scikit-learn, TensorFlow, PyTorch
- **Database Management:** PostgreSQL, SQL Server, MongoDB
- **Cloud Services:** AWS, Azure, Google Cloud
- **Version Control Systems:** Git, GitHub, Bitbucket
- **Continuous Integration Tools:** Jenkins, CircleCI, Travis CI
- **Visualization Tools:** Tableau, Power BI, Matplotlib
- **DevOps Practices:** Docker, Kubernetes, Terraform
- **Data Security:** Encryption, access controls, network security

SKILLS

- Python
- Machine Learning
- Predictive Analytics
- Data Analysis
- SQL
- Data Engineering
- Cloud Computing
- Big Data
- AWS
- CI/CD
- JavaScript
- Model Deployment
- Azure
- Natural Language Processing
- Data Visualization
- Version Control

PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery
- Volunteer, Code for America

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST