






# Logan Wood

AI/ML Engineer

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## STRENGTHS

-  **Collaboration**  
Fostered synergies across departments, enhancing relations between diverse teams.
-  **Adaptability**  
Quickly adjusted methods in response to project needs, ensuring timely completion.
-  **Analytical Thinking**  
Solving complex problems using logical reasoning and analytical methods to achieve results.
-  **Technical Writing**  
Crafted detailed documentation that bridges complex concepts with user-friendly information.
-  **Problem Solving**  
Consistently provided innovative solutions, enhancing project efficiencies in challenging scenarios.

## SKILLS

Python SQL AWS Azure

Machine Learning

Data Engineering CI/CD

Natural Language Processing

Predictive Analytics

Cloud Computing JavaScript

Data Visualization Data Analysis

Big Data Model Deployment

Version Control

## LANGUAGES

English



Native

## 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

## MY CAREER



● Data Engineer at FutureTech Innovations (3.4 Years)

● Machine Learning Engineer at NextGen Analytics (2.5 Years)

● Software Engineer at TechWave Solutions (1.8 Years)

## 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

## PROFESSIONAL AFFILIATIONS

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

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST