

# Magnolia Curry

(217) 555-0198 magnolia.curry@example.com

linkedin.com/in/magnoliacurry 123 Maple Street, Springfield, IL 62701



## SUMMARY

Dynamic Senior Product Engineer with over 8 years of experience in designing and implementing scalable software solutions. Proven track record in delivering high-quality products in the financial compliance domain, utilizing advanced technologies and methodologies. Adept at leading cross-functional teams and mentoring junior engineers to achieve technical excellence. Experience spans from architecting cloud-based solutions to integrating AI technologies, ensuring seamless delivery and functionality. Eager to bring expertise in AML to contribute to team objectives, impacting company performance through enhanced product capabilities.

## EXPERIENCE

### Senior Product Engineer

March 2021 - Present

Tech Innovations Inc.

Chicago, IL

Lead design and development of scalable AML solutions, enhancing compliance processes. Collaborate with cross-functional teams to implement cloud-native architectures while ensuring adherence to engineering best practices. Provide mentorship to junior developers and conduct thorough code reviews to maintain high standards of quality. Spearhead the integration of AI technologies, actively improving product offerings and user experiences.

- Designed and developed an AML solution streamlining compliance for financial sectors.
- Enhanced CI/CD practices by collaborating across departments, boosting deployment frequency.
- Mentored and supported 5+ junior developers, fostering a culture of continuous learning.
- Integrated LLM capabilities into existing products, optimizing functionality and engagement.

### Product Engineer

June 2018 - February 2021

Data Secure Solutions

Denver, CO

Focused on developing backend services using Python and FastAPI, emphasizing high availability and exceptional performance metrics. Engaged closely with product management to iterate based on user feedback and enhance service delivery. Contributed significantly to backend scaling efforts supporting increased financial product usage.

- Engineered backend APIs, ensuring maximum uptime and efficient data handling.
- Collaborated with product teams for requirement gathering, iterating features accordingly.
- Participated in strategic planning sessions for scaling backend infrastructures.
- Performed thorough testing and optimization, securing service reliability.

### Software Engineer

January 2016 - May 2018

FinTech Innovations

Austin, TX

Contributed significantly to a SaaS compliance platform by designing and implementing modular software components. Worked effectively with QA teams to develop and optimize automated testing strategies, enhancing overall deployment efficiency. Prioritized troubleshooting and optimization of legacy systems, positively influencing performance metrics.

- Developed modular components for compliance tools within the fintech space.
- Improved testing strategies, directly increasing deployment speeds and reducing errors.
- Optimized existing tools, resulting in enhanced system responsiveness and efficiency.
- Communicated cross-functionally, facilitating smoother collaboration between teams.

## LEADERSHIP & AWARDS

- Recipient of Tech Innovations Performance Award for outstanding contributions in 2022.
- Recognition as Best Mentor of the Year for guiding junior developers at Tech Innovations in 2023.

## EDUCATION

### Bachelor's Degree in Computer Science

2015

University of Illinois GPA: 3.6

Champaign, IL

**Coursework:** Data Structures, System Design, Cloud Computing, Software Engineering

## CERTIFICATIONS

- AWS Certified Solutions Architect  2020

- Certified ScrumMaster (CSM) 📅 2019

## TECHNICAL SKILLS

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- **Front-end Frameworks:** React, Next.js
- **Database Technologies:** Cloud SQL, BigQuery
- **Programming Languages:** Python, Go
- **DevOps Tools:** CI/CD pipelines, Infrastructure as Code
- **AI Technologies:** LLMs, Machine Learning Models
- **Concurrency Patterns:** Asynchronous messaging, Event-driven architecture
- **Compliance Standards:** AML, KYC, Sanctions Screening
- **Testing Methodologies:** Automated testing, Code Reviews
- **Team Collaboration Tools:** JIRA, Trello, Slack
- **Security Best Practices:** Load Balancing, Autoscaling Strategies

## SKILLS

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- Python
- Cloud SQL
- Agile Methodologies
- Systems Architecture
- FastAPI
- BigQuery
- Financial Compliance
- Data Management
- React
- Cloud Architecture
- AI Integration
- Event-Driven Systems
- Next.js
- CI/CD
- Software Development
- Fault-Tolerance

## PROFESSIONAL AFFILIATIONS

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- Active member of the Association for Computing Machinery (ACM).
- Volunteer mentor for local coding bootcamp, helping students break into tech.

## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST