



Magnolia Curry

Senior Product Engineer

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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.

STRENGTHS

- Effective Team Leader**
Guided diverse teams to deliver complex projects on timelines exceeding expectations. Recognized as a go-to leader by peers during challenging phases.
- Innovative Problem Solver**
Navigated intricate challenges through creative problem-solving techniques. Often engineered unique solutions under tight deadlines.
- Adaptive Communicator**
Ensured clear communication among stakeholders and team members. Frequently translated technical jargon for non-technical audiences to foster collaboration.
- Proficient in Agile Methodologies**
Led agile ceremonies to drive project clarity and efficiency. Cultivated an environment that embraced iterative improvements.
- Data-Driven Decision Maker**
Utilized analytics to inform engineering choices. Developed metrics that drove project scheduling and resource allocation discussions.

SKILLS

- Python FastAPI React Next.js
- Cloud SQL BigQuery
- Cloud Architecture CI/CD
- Agile Methodologies
- Financial Compliance

EXPERIENCE

Senior Product Engineer

Tech Innovations Inc. March 2021 - Present 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

Data Secure Solutions June 2018 - February 2021 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

FinTech Innovations January 2016 - May 2018 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

University of Illinois GPA: 3.6 2015 Champaign, IL

AI Integration

Software Development

Systems Architecture

Data Management

Event-Driven Systems

Fault-Tolerance

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



- Senior Product Engineer at Tech Innovations Inc. (5.2 Years)
- Product Engineer at Data Secure Solutions (2.7 Years)
- Software Engineer at FinTech Innovations (2.3 Years)

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

CERTIFICATIONS

- AWS Certified Solutions Architect 📅 2020
- Certified ScrumMaster (CSM) 📅 2019

TECHNICAL SKILLS

- **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

PROFESSIONAL AFFILIATIONS

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

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST