

# David Reynolds

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## SUMMARY

Driven Lead Software Engineer skilled in enhancing reliability and support within complex financial systems. Over ten years' experience troubleshooting, resolving production issues across diverse platforms. Strong expertise in C#, .NET Core, Python, and SQL enables efficient debugging. Proven record of maintaining system uptime while implementing AI-powered diagnostic tools for automated workflows. Passionate about mentoring teams, promoting best practices, and collaborating for seamless operations. Valued for analytical skills that foster continuous improvement strategies, enhancing operational efficiency in high-stakes environments.

## EXPERIENCE

### Lead Software Engineer

Fintech Solutions Inc. 📅 March 2020 - Present 📍 Seattle, WA

Lead software engineering team driving performance and issue resolution across financial applications. Focused on enhancing reliability and leveraging AI diagnostic tools to improve operational effectiveness.

- Debugged complex production issues across legacy and modern systems, including C# .NET Core and Python.
- Maintained system uptime for mission-critical financial components while collaborating with L1 and L2 support teams.
- Implemented CI/CD pipelines, incorporating AWS services such as ECS, Lambda, RDS, and DynamoDB.
- Mentored junior engineers on AI-assisted troubleshooting techniques, fostering team skill growth.

### Software Engineer

Tech Innovators LLC 📅 June 2016 - February 2020 📍 Remote

Collaborated across teams to enhance product functionality and troubleshoot issues, contributing to a culture of reliability and efficiency.

- Supported large-scale solutions with strong SQL skills to investigate data issues in both SQL and NoSQL databases.
- Designed proactive monitoring systems involving historical root cause analysis to mitigate recurring incidents.
- Developed RESTful APIs and microservices architectures, strengthening integration capabilities.
- Drove improvements in system architecture, influencing product strategy and engineering methodologies.

### Junior Software Engineer

Development Corp 📅 January 2014 - May 2016 📍 Seattle, WA

Gained foundational experience in software development and production support, addressing vital system challenges effectively.

- Participated in debugging processes, responding timely to critical incidents in enterprise production systems.
- Analyzed system performance utilizing APM tools like DataDog and New Relic, ensuring observability.
- Conducted code reviews and contributed to continuous integration practices, instilling quality assurance measures.
- Collaborated with cross-functional staff to streamline workflows and share technical insights.

## LEADERSHIP & AWARDS

- Outstanding Performance Award at Fintech Solutions for innovative problem-solving in high-pressure situations.
- Team Excellence Recognition for leadership during the launch of a new financial management tool.

## EDUCATION

### Master's Degree in Computer Science

University of Washington 🎓 GPA: 3.8 📅 2015 📍 Seattle, WA

*Coursework: Data Structures, Algorithms, Machine Learning, Cloud Computing*

### Bachelor's Degree in Information Technology

University of Washington 🎓 GPA: 3.7 📅 2013 📍 Seattle, WA

*Coursework: Systems Analysis, Database Design, Web Development, Project Management*

## CERTIFICATIONS

- AWS Certified Solutions Architect 📅 2021
- Certified Kubernetes Administrator 📅 2022

## TECHNICAL SKILLS

- **Backend Technologies:** C#, .NET Core

- **Scripting Languages:** Python
- **Database Management:** SQL
- **Cloud Services:** AWS
- **Containerization:** Docker
- **Version Control:** Git
- **Infrastructure Automation:** Terraform
- **Monitoring Tools:** DataDog, New Relic
- **Continuous Integration:** Jenkins
- **Programming Paradigms:** Object-Oriented Programming

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## SKILLS

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|----------|------------------|-----------------|---------------------|
| • C#     | • AWS            | • Microservices | • New Relic         |
| • Python | • Terraform      | • APM Tools     | • AI Diagnostics    |
| • SQL    | • CloudFormation | • RESTful APIs  | • Troubleshooting   |
| • NoSQL  | • CI/CD          | • DataDog       | • Agile Development |

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## PROFESSIONAL AFFILIATIONS

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- Member, Institute of Electrical and Electronics Engineers (IEEE)
- Active participant in Seattle Tech Community Events, sharing knowledge on emerging technologies.

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## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

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## ADDITIONAL INFORMATION

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

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## REFERENCES

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AVAILABLE ON REQUEST