



# Kabir Barnett

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## SUMMARY

Dedicated Senior Lead Software Engineer with over 6 years in DevOps Engineering, actively contributing to cloud-native technology solutions. Passionate about mentoring teams while leading diverse projects integrating machine learning and microservices architecture, driving regulatory compliance, and operational efficiency. Well-versed in AWS and Azure technologies, coding in Python, Java, and Go. Emphasis on innovation through collaboration, pushing for cutting-edge advancements in engineering practices. Known for fostering environments where team members are encouraged to explore new technologies which strengthens development processes.

## EXPERIENCE

### Senior Lead Software Engineer

January 2023 - Present

Tech Innovations Inc.

Arlington, VA

Leading a strong team of developers post-transitioning existing frameworks to enhance economic sustainment by adopting multifaceted cloud-based solutions tailored for customer needs and optimizing operational outputs consistent with standards. Overseeing the implementation of innovative models aligning organizational goals with growth objectives.

- Spearheaded initiatives improving service quality which catered to compliance demands observed across several sectors.
- Cultivated collaborative partnership between engineering segments and product management ensuring that solution design aligned seamlessly with user experience strategies.
- Drove technology evaluation and selection through rigorous benchmarking against industry standards to achieve performance excellence.
- Stimulated idea-sharing sessions that ignited the adoption of AI techniques centered around enhancing response times and cost efficiencies.
- Maintained oversight on using Docker and Kubernetes for container management, effectively helping to streamline deployment cycles.
- Established successful CI/CD workflows employing Jenkins to ensure rapid integration while maintaining quality in software delivery.

### DevOps Engineer

June 2019 - December 2022

Cloud Solutions Corp.

Arlington, VA

Management of AWS and Azure infrastructures supporting extensive client communications while utilizing best practice methodologies focused on reducing downtime across applications. Simplified internal processes to provide a better client experience with system monitoring components in place.

- Automated infrastructure management tasks that fostered significant drops in resource allocation confusion resulting in improved productivity.
- Generated novel monitoring systems that provided transparent communication on application health, significantly heightening service-adjustment reactivity.
- Partnered with project teams on incorporating Agile principles within traditional workflows middleware engagement boosting responsiveness.
- Initiated configuration consistency through Ansible which greatly decreased potential fallout from environment setups across various deployments.
- Facilitated training sessions enriching junior engineers with concrete insights into leveraging cloud services aligning discrete lessons learned through practical interactions.
- Contributed to the enforcement of Agile timelines governing structured outcome expectations fostering trust within project deliverables.

### Systems Administrator

May 2016 - May 2019

Innovate Tech Solutions

Arlington, VA

Oversaw Unix/Linux systems operations sustaining high-performance thresholds while guaranteeing security for clustered server networks, creating proactive data disaster prevention strategies. Scripted preventive measures reinforcing optimal functioning in line with evolving technological landscapes.

- Developed critical documentation fostering knowledge accessibility among team leaders and assisting smoother transitions during onboarding cycles.
- Led troubleshooting efforts that repaired system shortfalls while yielding concrete comprehension among users translating technical issues into navigable outcomes.
- Enhanced uptime to above-industry standards through active system resilience planning focusing on adapting in real-time to identified weaknesses.
- Worked cross-functionally paving paths for synchronized efforts with developers absorbing feedback loops designed for positive organizational momentum.
- Implemented hands-on workshops contributing foundational learning experiences on UNIX systems and administration ethics.

- Executed continuous improvements in routine operational terms frequently leading review sessions that raised overall performance objectives.

## LEADERSHIP & AWARDS

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- Recognized for Outstanding Performance in Technology Implementation at Tech Innovations Inc.
- Awarded Employee of the Year at Cloud Solutions Corp. for Excellence in Service Delivery

## EDUCATION

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**Bachelor of Science in Computer Science**  
George Mason University   GPA: 3.8  
*Coursework: Data Structures, Operating Systems, Cloud Computing, Database Management*

2016  
Fairfax, VA

## CERTIFICATIONS

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- AWS Certified Solutions Architect – Associate 📅 2026
- Certified Kubernetes Administrator 📅 2026

## TECHNICAL SKILLS

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- **Cloud Platforms:** Amazon Web Services, Microsoft Azure, Google Cloud Platform
- **Programming Languages:** Python, Java, SQL, Ruby, Go
- **Container Orchestration:** Docker, Kubernetes
- **Configuration Management Tools:** Ansible, Terraform
- **Monitoring Tools:** Splunk, Zabbix
- **Continuous Integration/Delivery:** Jenkins, GitHub Actions
- **Operating Systems:** Linux, UNIX
- **Development Practices:** Agile, Scrum
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Networking Concepts:** TCP/IP, DNS, Load Balancing

## SKILLS

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|-----------------------------|---------------------------|----------------------------------|-------------------|
| • DevOps Engineering        | • Machine Learning        | • Configuration Management       | • Team Leadership |
| • Cloud Technologies        | • Container Orchestration | • Agile Methodologies            |                   |
| • Unix/Linux Administration | • CI/CD Pipelines         | • Programming (Java, Python, Go) |                   |

## PROFESSIONAL AFFILIATIONS

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- Member of the DevOps Community Network
- Active participant in Cloud Engineering Mentorship Program

## 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