



Kabir Barnett

Senior Lead Software Engineer, DevOps

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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

Tech Innovations Inc. 📅 January 2023 - Present 📍 Arlington, VA

Leading a strong team of developers post-transitioning existing frameworks to enhance economic sustainability 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

Cloud Solutions Corp. 📅 June 2019 - December 2022 📍 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

Innovate Tech Solutions 📅 May 2016 - May 2019 📍 Arlington, VA

STRENGTHS

- 👥 **Team Leadership**
Built trusting relationships within teams facilitating open dialogue, enabling a culture where diverse ideas shaped effective strategies.
- 💡 **Innovation Enthusiast**
Fast learner causing waves of enthusiasm among team members about new tech trends, often pairing up for explorative coding sessions.
- 💬 **Communication Skills**
Bridged gaps through clear-to-understand technical discussions which instilled confidence among peers navigating interconnected projects.
- 👤 **Mentoring Spirit**
Passionate about helping others create solid foundations in technology, often leaving mentees feeling empowered as independent contributors.
- 🔧 **Problem Solver**
Recognized acumen for transforming challenges into actionable resolutions energizing group dynamics grasping opportunities amidst obstacles.

SKILLS

DevOps Engineering

Cloud Technologies

Unix/Linux Administration

Machine Learning

Container Orchestration

CI/CD Pipelines

Configuration Management

Agile Methodologies

Programming (Java, Python, Go)

Team Leadership

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



- Senior Lead Software Engineer at Tech Innovations Inc. (3.5 Years)
- DevOps Engineer at Cloud Solutions Corp. (3.5 Years)
- Systems Administrator at Innovate Tech Solutions (3 Years)

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

- 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

Bachelor of Science in Computer Science

George Mason University 🎓 GPA: 3.8 📅 2016 📍 Fairfax, VA

Coursework: Data Structures, Operating Systems, Cloud Computing, Database Management

CERTIFICATIONS

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

TECHNICAL SKILLS

- **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

PROFESSIONAL AFFILIATIONS

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

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST