

Austin Cook

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SUMMARY

Detail-oriented Platform Engineer with over 4 years of experience in designing and optimizing infrastructure systems. Proven expertise in implementing CI/CD pipelines and enhancing data platform interoperability. Skilled in Python, Bash, and various observability solutions, including Prometheus and Grafana. Strong advocate for DevOps principles, consistently driving operational excellence and system reliability. Passionate about leading cross-functional teams and promoting best practices to improve service performance and security. Eager to leverage technical skills in a dynamic environment and contribute positively to organizational goals.

EXPERIENCE

Platform Engineer

January 2024 - Present

Tech Solutions Inc.

Dallas, TX

Overseeing platform architecture and daily operations while enhancing system resilience and performance across infrastructures. Focused on developing scalable and reliable solutions tailored to business needs. Collaboratively working within Agile teams to drive automation and optimize service delivery.

- Designed and developed scalable infrastructure systems, improving operational efficiency and minimizing downtime across cloud environments.
- Managed CI/CD pipelines for multiple enterprise applications, increasing deployment speed and decreasing time-to-market.
- Implemented proactive monitoring solutions using ELK and CloudWatch, significantly improving incident response times by establishing clear metrics.
- Collaborated in Agile teams during sprints, providing insights to drive continuous improvements and maintain operational excellence.
- Developed automation scripts in Python and Bash, streamlining deployment processes and reducing manual interventions dramatically.
- Led troubleshooting efforts for complex integration issues, reaching a resolution rate of over 95% within established SLAs.

Junior Platform Engineer

June 2022 - December 2023

Innovatech LLC

Houston, TX

Contributed to the design and execution of innovative hybrid infrastructure solutions that heightened organizational efficiency and synergy across services. Focused on Infrastructure-as-Code management and optimization strategies to strengthen operational capabilities.

- Assisted in the implementation of hybrid infrastructure solutions supporting company-wide platform services, leading efforts that increased system interoperability.
- Developed and maintained Infrastructure-as-Code (IaC) with Terraform, ensuring consistent environment configurations streamlined provisioning.
- Supported container orchestration efforts with Kubernetes, contributing to standardized deployment practices and access across teams.
- Conducted performance tuning and optimization of existing systems, which enhanced application response times substantially.
- Participated proactively in on-call rotations, collaborating in incident analysis that resulted in strengthened system resilience.
- Documented engineering processes and established reusable automation modules, laying a foundation for future development efforts.

Infrastructure Intern

January 2021 - May 2022

Codedynamics Corp.

Austin, TX

Engaged as part of a collaborative team focused on building and expanding scalable infrastructure solutions. Involved in a variety of projects emphasizing AWS cloud migrations and CI/CD process development.

- Collaborated on developing scalable infrastructure solutions supporting internal applications, focusing primarily on cloud migrations.
- Assisted in implementing CI/CD processes, facilitating smoother transitions of code from development to production environments.
- Engaged in troubleshooting sessions for deployment issues, obtaining hands-on experience with AWS infrastructure.
- Contributed to the creation and maintenance of monitoring dashboards utilizing Grafana for improved visibility into system health metrics.
- Actively participated in code reviews, sharing insights and engaging with team discussions on best practices within DevOps.
- Developed automation scripts in PowerShell designed for automating routine tasks, leading to significant reductions in operational workload.

LEADERSHIP & AWARDS

- Dean's List, University of Texas at Austin, 2024-2026
- 1st Place, Hackathon Challenge, 2025

EDUCATION

Bachelor's Degree in Computer Science

2026

University of Texas at Austin GPA: 3.7

Austin, TX

Coursework: Data Structures, Operating Systems, Cloud Computing, Software Engineering

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA) 📅 2025
- AWS Certified Solutions Architect 📅 2025

TECHNICAL SKILLS

- **Infrastructure Tools:** Terraform, Ansible, Puppet
- **Container Technologies:** Docker, Kubernetes, OpenShift
- **Monitoring Tools:** Prometheus, Grafana, CloudWatch
- **CI/CD Tools:** Jenkins, GitLab CI, Travis CI
- **Scripting Languages:** Python, Bash, PowerShell
- **Databases:** Postgres, Oracle, Cassandra
- **Cloud Platforms:** AWS, Azure, GCP
- **Logging Tools:** ELK Stack, Splunk, Fluentd
- **Version Control:** Git, SVN, Mercurial
- **Agile Practices:** Scrum, Kanban, Lean

SKILLS

- Python
- Kubernetes
- Prometheus
- Agile
- Bash
- Docker
- Grafana
- Observability
- Terraform
- AWS
- ELK
- Cloud
- Ansible
- Azure
- CI/CD

PROFESSIONAL AFFILIATIONS

- Member, Computer Science Club, 2022-2026
- Volunteer, Coding for Kids Program, 2023-2026

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST