

Sidharth P

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Summary

Experienced in Backend and Cloud technologies with over 6 years of building scalable backend systems and deploying cloud-native solutions. Possess a solid software development foundation, with proficiency across multiple cloud platforms, containerization tools, and infrastructure-as-code practices. Proven ability to bridge development and operations, delivering secure, reliable, and high-performing applications. Seeking opportunities that combine software engineering with cloud infrastructure expertise.

Work Experience

Software Development Engineer III (Clootrack, Bangalore) **Oct 2022 - Present**

- Designed and deployed multi-tenant, multi-region Azure infrastructure using Terraform, enhancing system availability and scalability
- Led GCP cost optimization, saving approximately 35% per month by restructuring services, rightsizing resources, and eliminating redundant workloads.
- Developed and maintained a billing module that captures events from multiple microservices, accurately tracking server costs. The module provides a real-time dashboard for both internal teams and clients, offering insights into resource usage and billing metrics.
- Built and managed containerized microservices on Kubernetes.
- Developed robust CI/CD pipelines using GitHub Actions, reducing deployment time and minimizing human errors.

Software Development Engineer I (Clootrack, Bangalore) **Nov 2019 - Sep 2022**

- Led the migration of GCP infrastructure to a secure network, implementing hardened IAM policies, conditional access controls, and least-privilege principles.
- Contributed to and led the development of multiple Django-based web applications (both backend and frontend), writing clean, maintainable code, and participating in code reviews to improve quality and reliability.
- Enabled autoscaling for Django-based applications, reducing response time by 30% during peak traffic and lowering server costs through efficient resource utilization.

Software Developer Internship (Clootrack, Bangalore) **May 2019 - Oct 2019**

- Built internal tools and automated scripts using Python & Django, streamlining team workflows and reducing manual tasks.
 - Gained hands-on experience in backend development and RESTful APIs, focusing on clean architecture and code quality.
 - Collaborated with senior developers in debugging, testing, and deploying Django-based web applications in staging and production environments.
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Education & Certifications

Adv. Diploma in BigData Analytics **2018**

National Institute of Electronics & Information Technology, Calicut

Btech ECE, Govt. College of Engineering Wayanad **2013 - 2017**

Technologies & Languages

- **Languages & frameworks:** Python, JavaScript, Django
- **Cloud Platforms:** GCP, Azure
- **Other:** Git, Github, Terraform, Docker, Kubernetes, Helm, HTML, CSS