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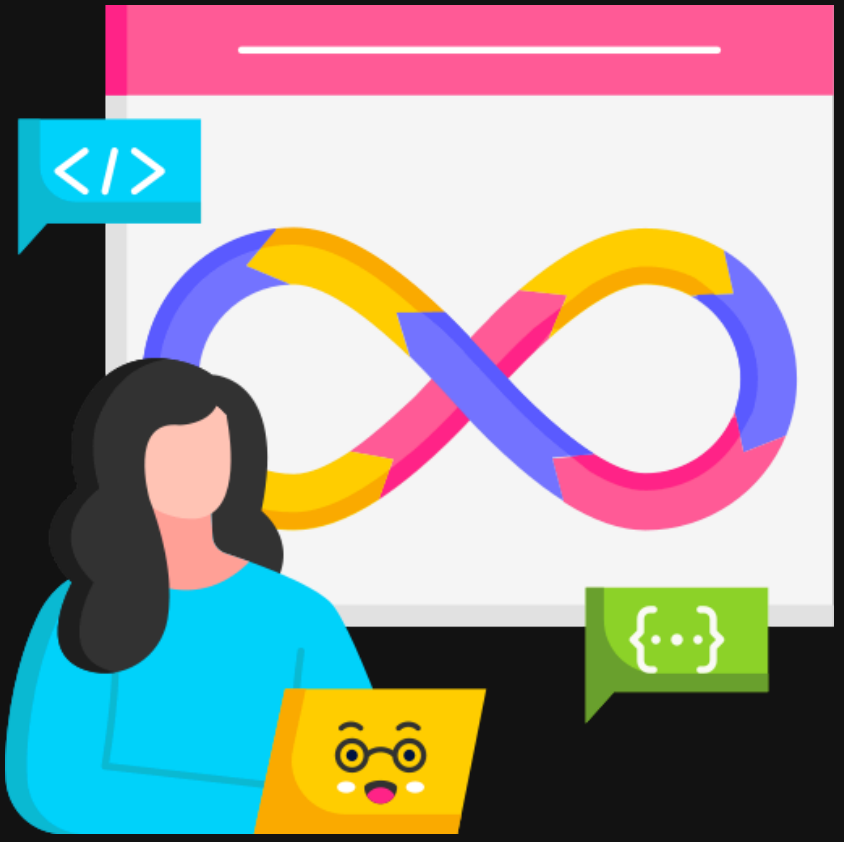
Top 6 DevOps Project Ideas

Part 2

Build these to **stand out** in interviews & land that role!



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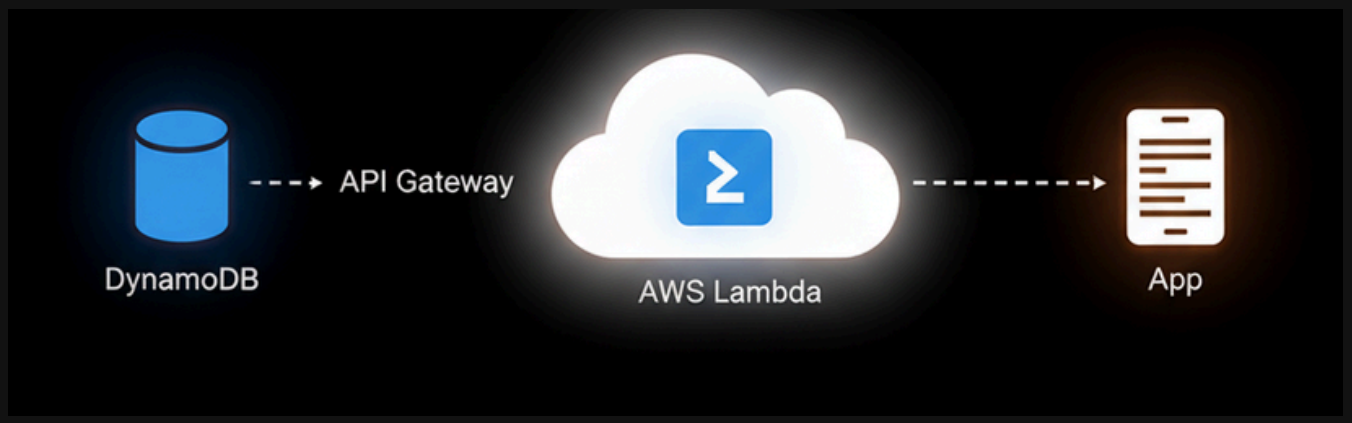
1. Serverless App Deployment (AWS Lambda)

📝 **Description:** Deploy a microservice using AWS Lambda, API Gateway, and DynamoDB.

🛠️ **Tools:** AWS Lambda, API Gateway, DynamoDB, SAM/Serverless Framework.

✨ **Why it's unique:** No servers to manage → shows you can work on modern serverless stacks.



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2. GitOps with ArgoCD

📝 **Description:** Automate Kubernetes deployments using Git as the single source of truth.

🛠️ **Tools:** ArgoCD, Kubernetes, GitHub/GitLab.

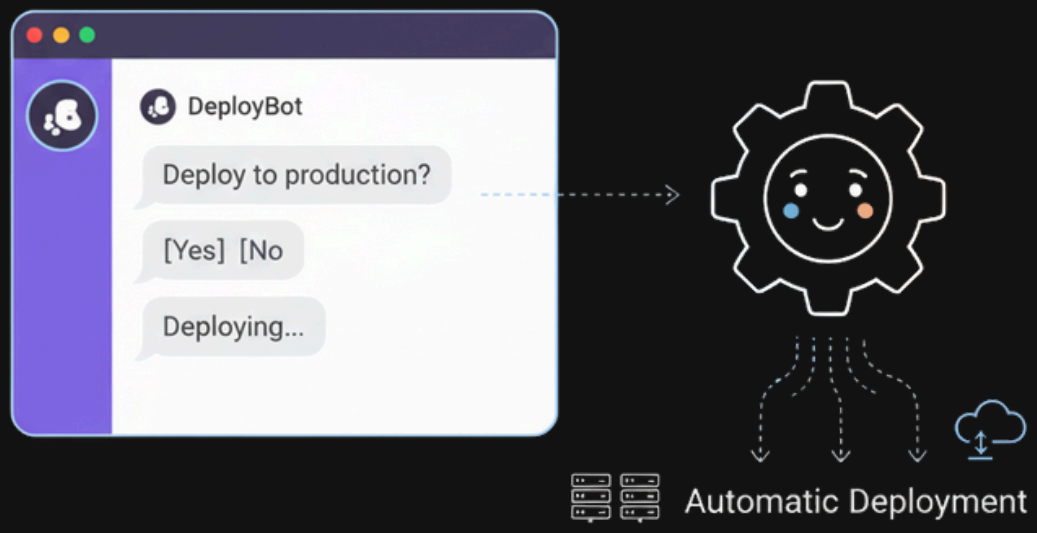
✨ **Why it's unique:** Proves you understand GitOps, a highly in-demand skill for modern DevOps pipelines.

3. ChatOps with Slack + Jenkins

📝 **Description:** Trigger CI/CD jobs directly from Slack using bots.

🛠️ **Tools:** Slack API, Jenkins, Webhooks.

✨ **Why it's unique:** Adds collaboration to DevOps → recruiters love seeing ChatOps on resumes.



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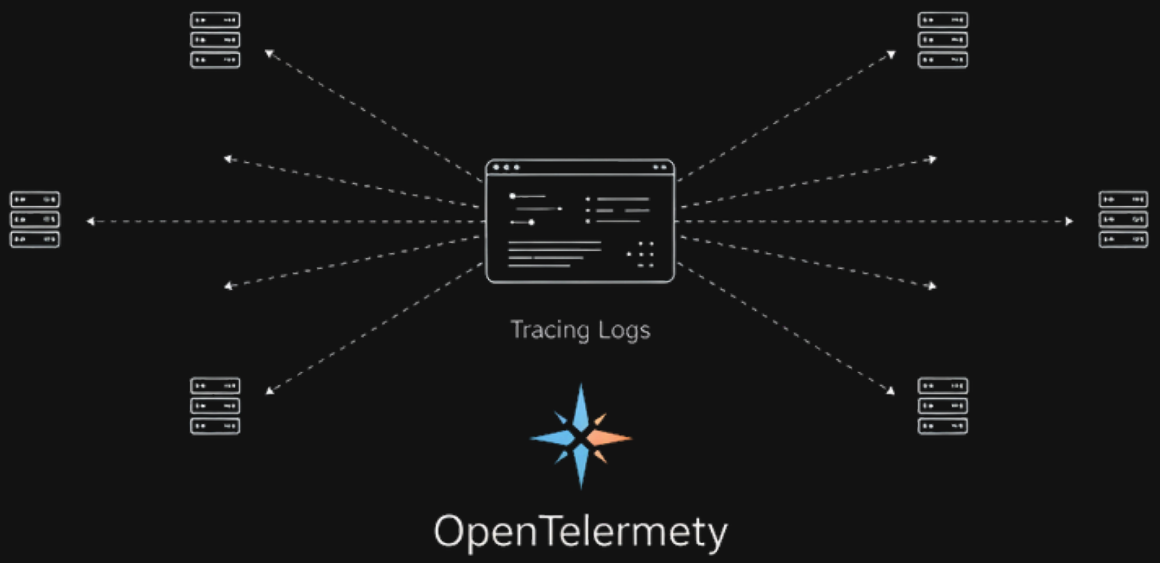
4. End-to-End Monitoring with OpenTelemetry

📝 **Description:** Implement distributed tracing and observability for microservices.

🛠️ **Tools:** OpenTelemetry, Jaeger, Prometheus.

✨ **Why it's unique:** Goes beyond logs — shows deep understanding of observability & monitoring.



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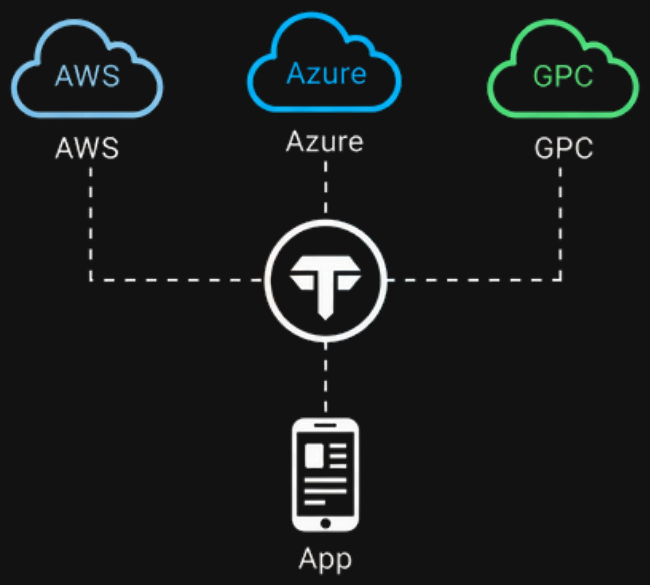
5. Multi-Cloud Deployment Project

📝 **Description:** Deploy the same app on AWS + Azure + GCP using Terraform.

🛠️ **Tools:** Terraform, AWS, Azure, GCP.

✨ **Why it's unique:** Multi-cloud is 🔥 right now — shows flexibility beyond a single platform.



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6. Secure DevOps Pipeline (DevSecOps)

📝 **Description:** Integrate security checks into CI/CD (SAST, dependency scanning).

🛠️ **Tools:** GitHub Actions, SonarQube, OWASP Dependency-Check.

✨ **Why it's unique:** Security-first pipelines → makes you stand out for DevSecOps roles.

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WANT TO LEARN DEVOPS?

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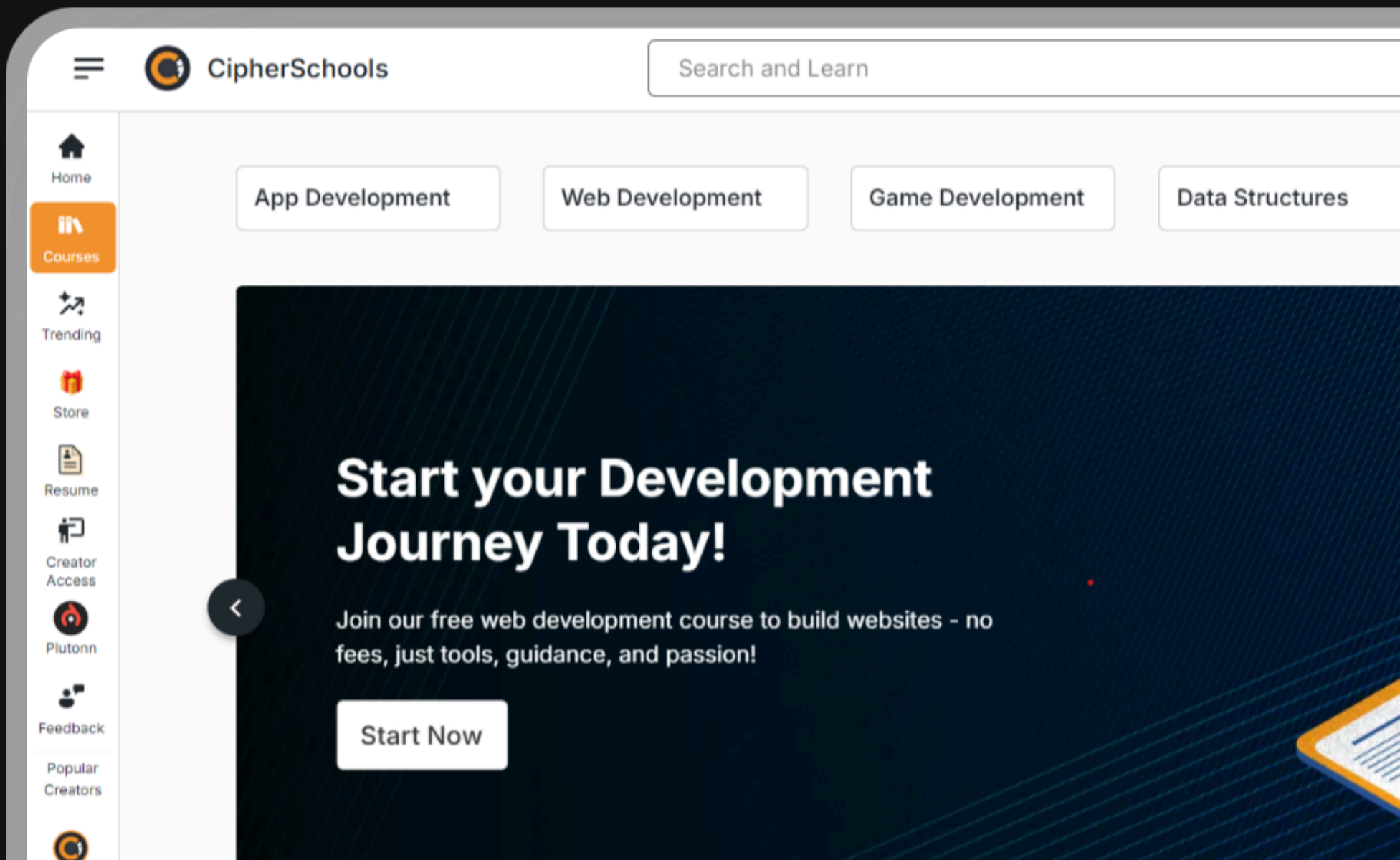
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