

Stallers



Cloud Technology

Get ready to get a Placement earlier this time

Course Overview

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In this 12-week program, you'll explore key cloud concepts, dive deep into popular platforms like AWS, Google Cloud, and Azure, and gain expertise in cloud architecture, security, and automation through [refined materials](#). You'll work through real-world scenarios and hands-on labs to master cloud services and prepare yourself for cloud-based roles.

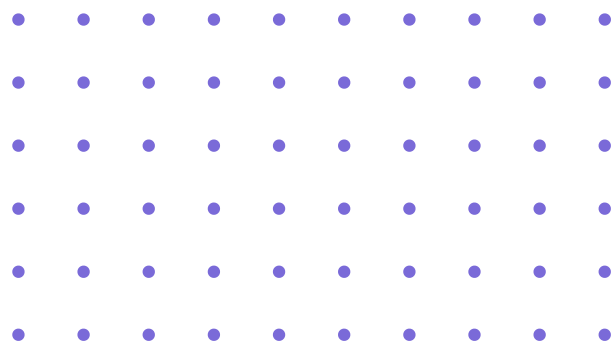


Duration: 12 Weeks

Mode: In-person
(Google Meet)

Start Date: 25 Oct. 2024

Key Features



Hands-On Projects

Hands-on labs using AWS, Google Cloud, and Azure.



Expert Instructors:

Learn from industry professionals with years of experience.



Flexible Learning

Access course materials anytime, anywhere.



Support

24/7 access to our helpdesk and community forums.

OBJECTIVES



What we do?

At Stallers, we partner with various startups to provide real-world projects and job placements. Our mentors guide students through hands-on learning, ensuring they gain practical skills. This approach helps students secure job opportunities quickly.



How we Teach ?

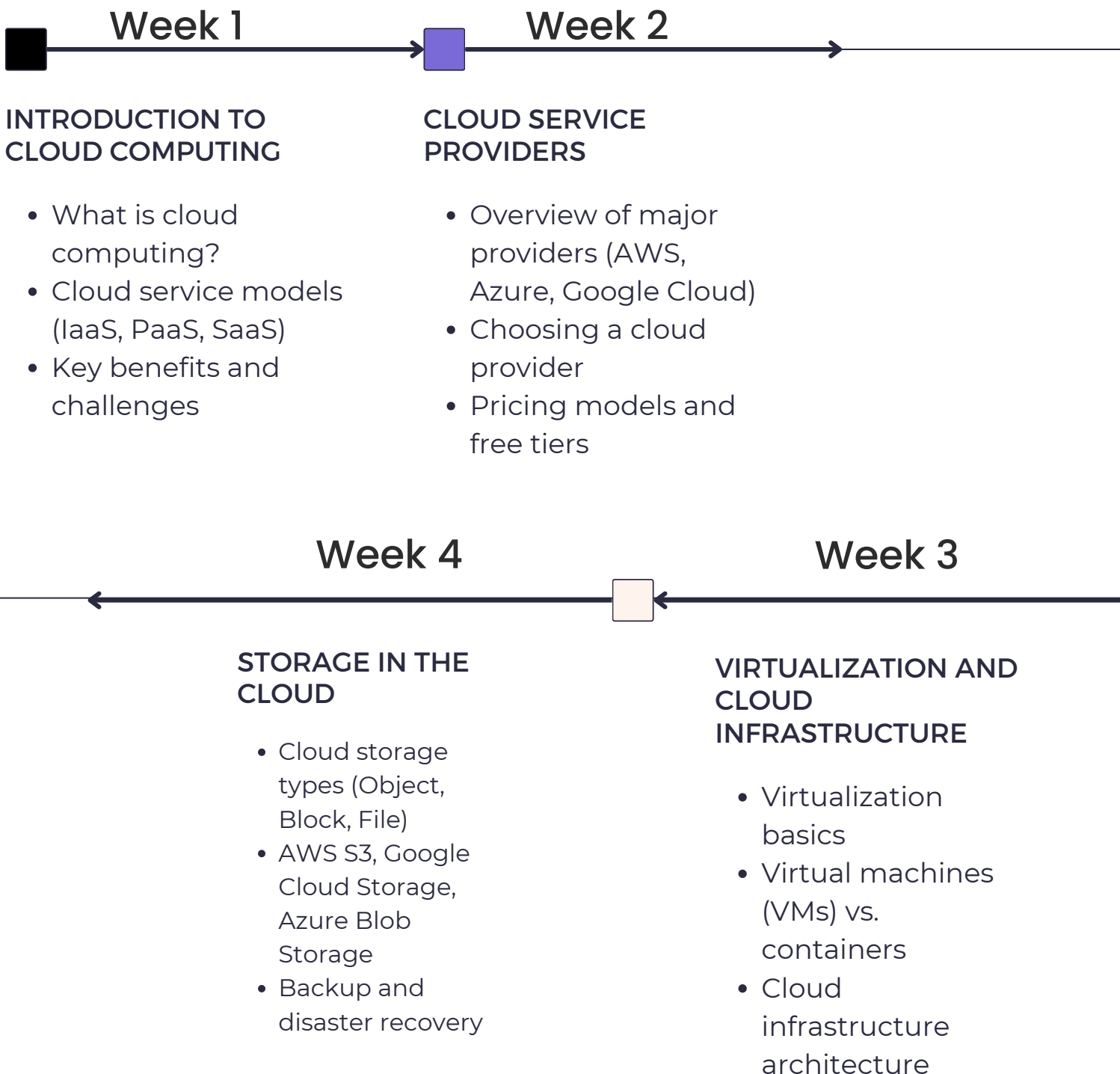
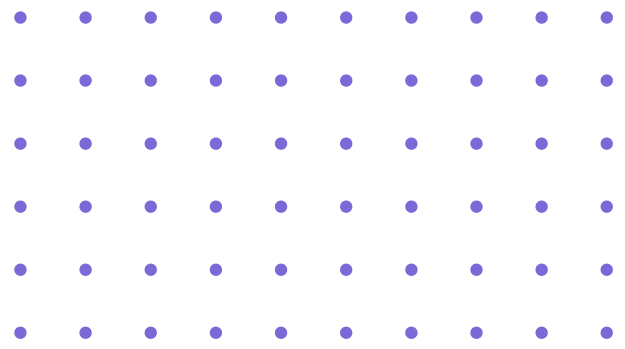
At Stallers, our skilled mentors provide interactive sessions, hands-on projects, and regular assessments. Their guidance ensures practical skills and personalized support, with job placement assistance to help you succeed in 3 months.



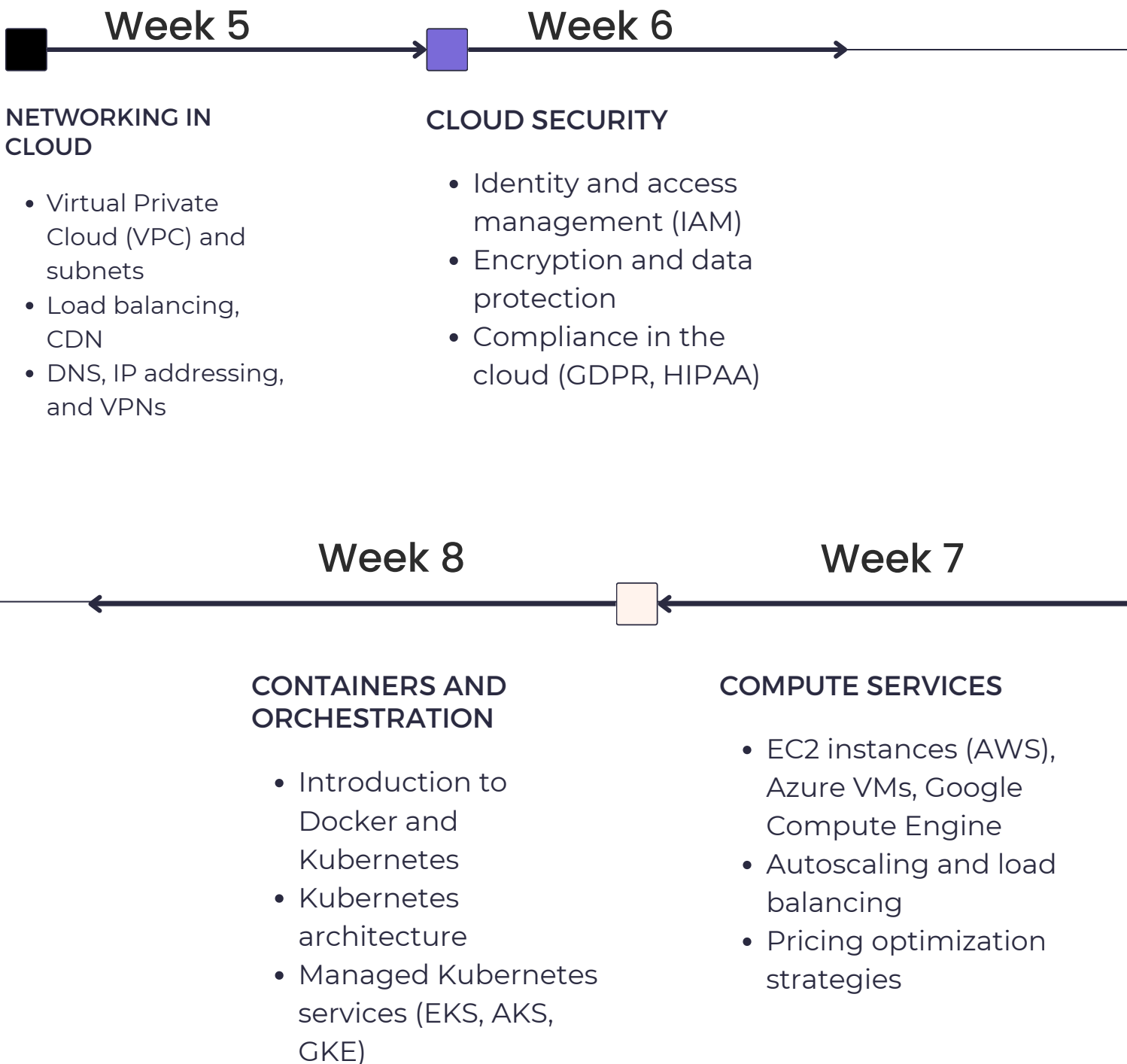
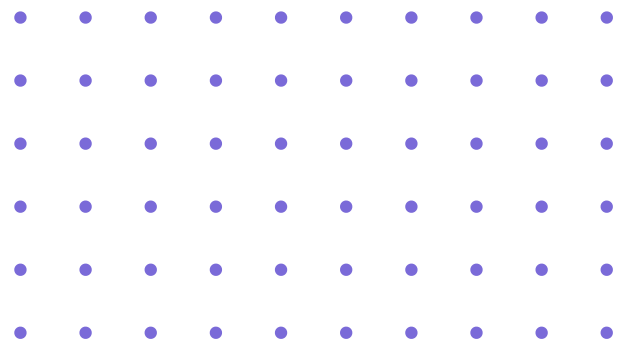
Placements we provide

Join Stallers and boost your career with guaranteed placement support. Our expert team connects you with top opportunities, ensuring you're job-ready upon course completion. Secure your future with us today!

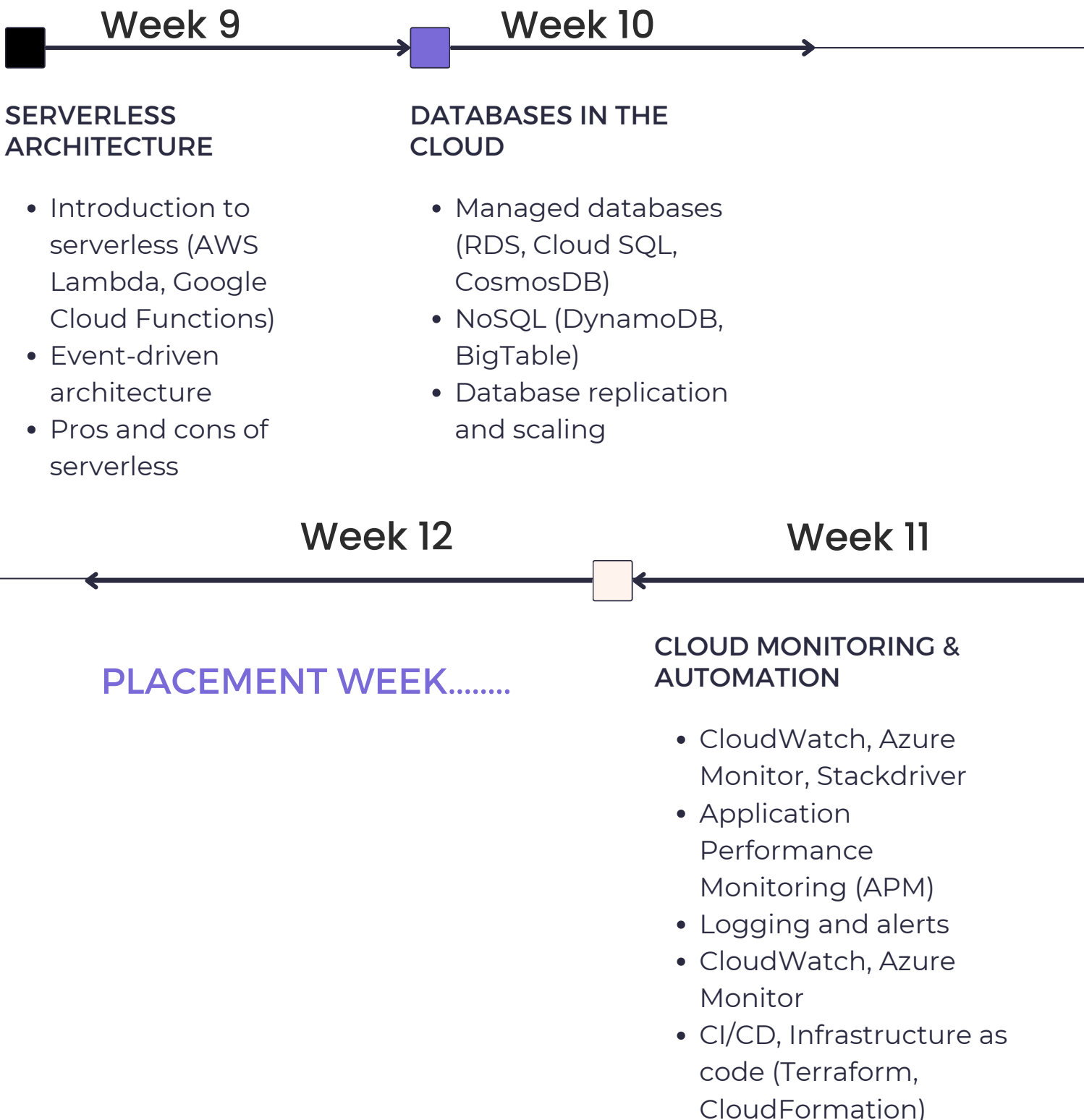
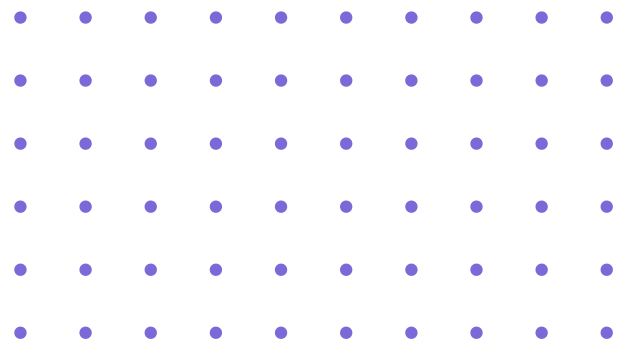
Course Roadmap



Course Roadmap



Course Roadmap





DETAILED **SYLLABUS**

Week 1 and 2

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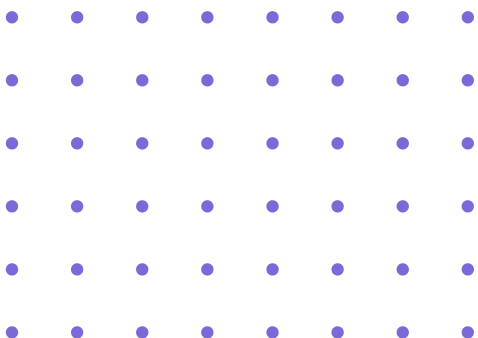
Introduction to Cloud Computing

- **Cloud Concepts:** Delve into cloud computing fundamentals, focusing on service models like IaaS, PaaS, and SaaS, and deployment types including Public, Private, and Hybrid clouds. Understand essential characteristics such as scalability, elasticity, and cost optimization. Study real-world examples to grasp how these models and deployment options meet various business needs.
- **Cloud Platforms Overview:** Get practical experience with AWS, Google Cloud, and Microsoft Azure. Set up basic cloud environments, explore their core services, and learn how to configure essential settings to start leveraging cloud resources effectively.



Outcomes

Learn core cloud computing concepts and get hands-on with AWS, Google Cloud, and Azure. Set up basic environments, explore platform services, and understand best practices for managing cloud resources efficiently.



Week 3 and 4

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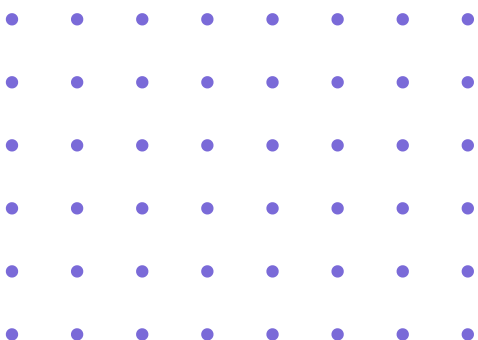
Virtualization and Cloud Architecture

- **Virtualization Basics:** Explore the role of virtualization in cloud computing, covering virtual machines (VMs), containers, and serverless architectures. Learn about container orchestration tools and their benefits in managing scalable and efficient cloud environments. Understand how these technologies contribute to resource optimization and cost reduction.
- **Cloud Architecture Design:** Learn to design scalable and secure cloud architectures. Study principles such as load balancing, auto-scaling, and fault tolerance. Practice creating architectures that balance performance, cost, and security, and understand how to apply these principles to real-world scenarios.



Outcomes

Explore virtualization technologies like VMs and containers. Learn to design scalable, secure cloud architectures using auto-scaling, load balancing, and fault-tolerance to build optimized solutions.



Week 5 and 6

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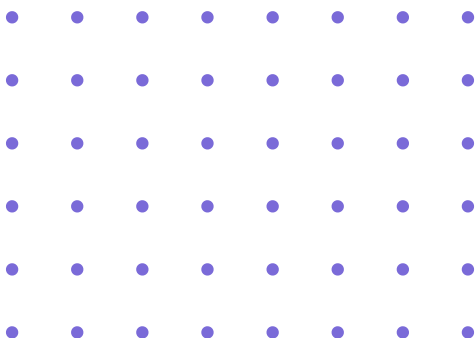
Cloud Storage & Databases

- **Cloud Storage:** Gain insights into various cloud storage options, including object storage, file storage, and block storage. Learn how to manage storage solutions for optimal performance and cost-efficiency. Explore techniques for data replication, backup, and recovery to ensure data durability and availability.
- **Cloud Databases:** Get hands-on experience with cloud databases such as AWS RDS, Google Cloud Spanner, and Azure SQL. Understand database design principles, scaling strategies, and replication methods. Learn how to optimize database performance and ensure data integrity through effective management practices.



Outcomes

Master cloud storage types (object, block, file) and manage databases such as AWS RDS and Google Cloud Spanner. Learn about scaling, backup strategies, and optimizing storage and database performance.



Week 7 and 8

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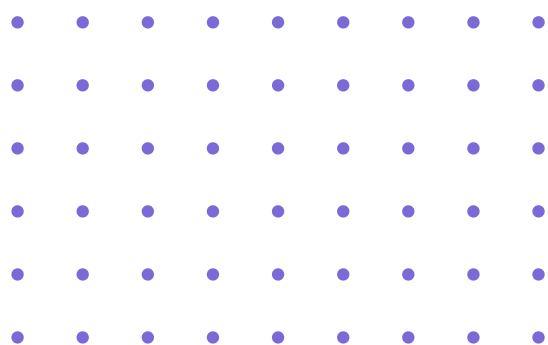
Networking and Security in the Cloud

- **Cloud Networking:** Study cloud networking fundamentals, including Virtual Private Clouds (VPCs), subnets, and load balancers. Learn how to configure and manage network settings, set up VPNs, and ensure secure, efficient network traffic within cloud environments. Explore best practices for cloud network architecture and management.
- **Cloud Security:** Master cloud security essentials such as Identity and Access Management (IAM), encryption, and firewall configurations. Understand how to implement and manage security policies to protect cloud resources and ensure compliance with regulations like GDPR and HIPAA.



Outcomes

Understand and configure essential cloud networking components like VPCs, subnets, and load balancers. Implement security best practices including IAM, encryption, and compliance to secure cloud environments effectively.

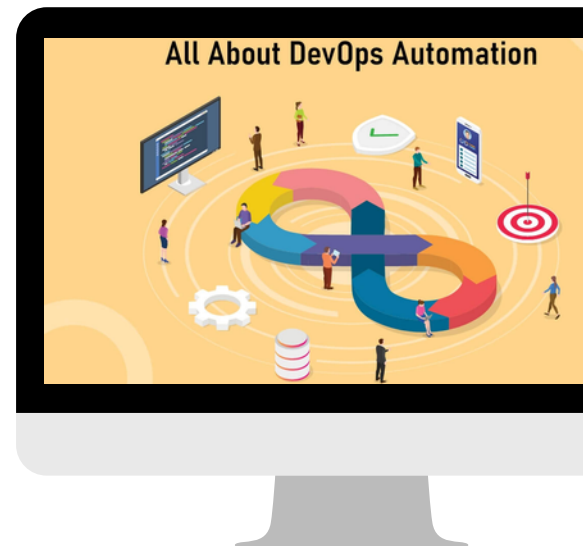


Week 9 and 10

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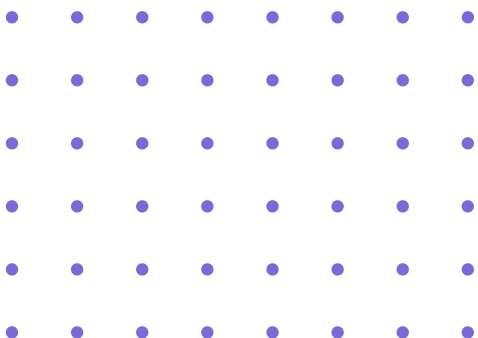
Automation and DevOps in Cloud

- **Infrastructure as Code (IaC):** Learn how to automate cloud infrastructure deployment using IaC tools like Terraform and AWS CloudFormation. Create and manage infrastructure templates, and understand best practices for automating and scaling cloud resources efficiently.
- **DevOps Practices:** Explore DevOps tools such as Jenkins, Docker, and Kubernetes, and their integration with cloud platforms. Learn to implement Continuous Integration and Continuous Deployment (CI/CD) pipelines, automating software delivery and enhancing development workflows.



Outcomes

Learn Infrastructure as Code (IaC) tools like Terraform to automate cloud provisioning. Implement CI/CD pipelines using DevOps tools like Docker and Kubernetes to streamline cloud-based development and deployments.



Week 11 and 12

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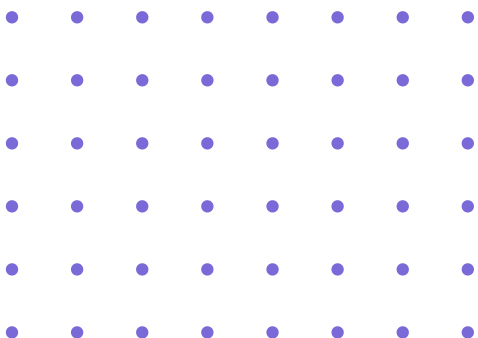
Capstone Project & Review

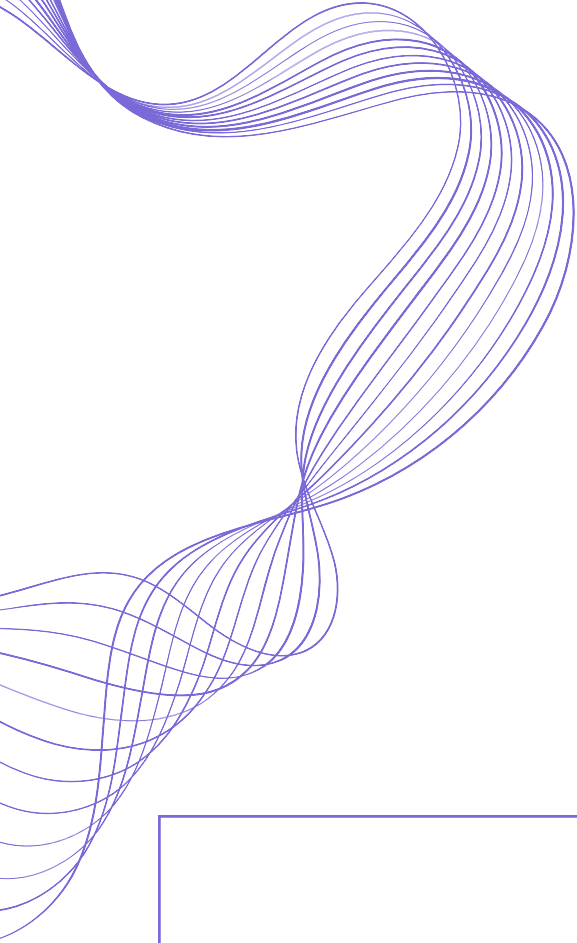
- **Capstone Project:** Apply your knowledge to develop and deploy a comprehensive cloud-based solution. Design and implement a multi-tier architecture, addressing challenges such as scalability, security, and cost-efficiency. Present your project to demonstrate practical skills and problem-solving abilities.
- **Review & Job Preparation:** Conduct a thorough review of course concepts and prepare for technical interviews with mock sessions and practice questions. Receive guidance on resume-building and job search strategies to effectively showcase your cloud expertise and project experience.



Outcomes

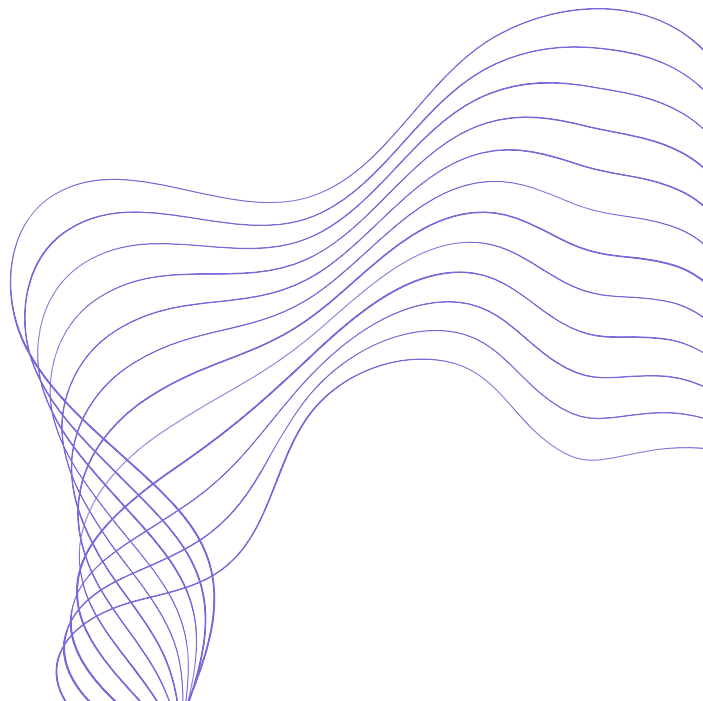
Apply all learned concepts to develop a comprehensive cloud-based project. Set up infrastructure, deploy applications, optimize the architecture, and review cloud fundamentals to prepare for job interviews and career advancement.





ROADMAP

PLACEMENT WEEK



PLACEMENTS WEEK

our comprehensive one-week placement training program designed to equip you with essential skills, knowledge, and confidence for your job search.

SCHEDULE OVERVIEW

- **Day 1:** Introduction to Placement Strategies and Resume Writing
- **Day 2:** Interview Preparation and Body Language
- **Day 3:** Skill Assessment and Improvement Workshops
- **Day 4:** Mock Interviews and Feedback Sessions
- **Day 5:** Personal Branding and Online Presence
- **Day 6:** Networking Strategies and Career Planning
- **Day 7:** Final Review and Q&A Session.



WEEKS HIGHLIGHTS

Resume Building: Craft a compelling resume that stands out to employers.

Interview Techniques: Master strategies for acing interviews and handling common questions.

Skill Development: Enhance key skills including communication, problem-solving, and teamwork.

Mock Interviews: Gain practical experience with simulated interviews.

Networking Opportunities: Connect with industry professionals and expand your network.



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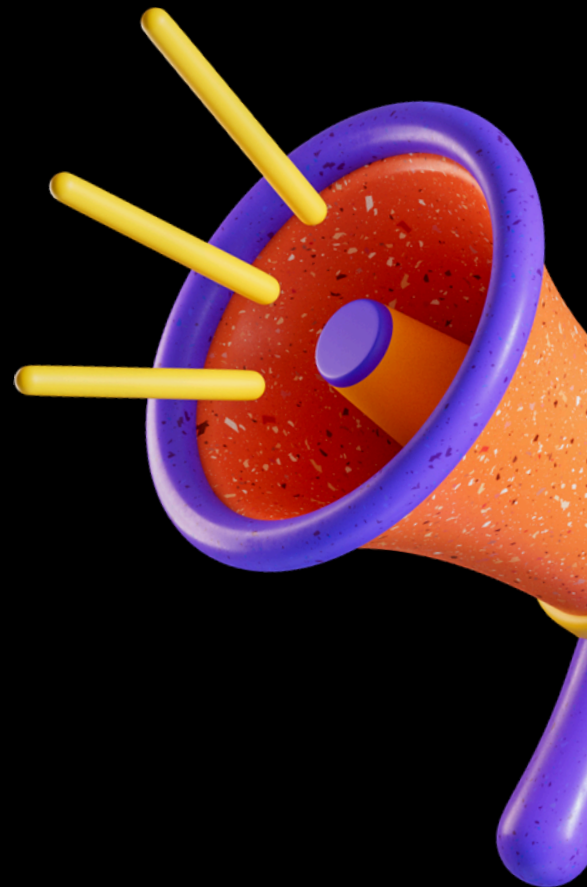
**YOU'LL GET
AT LEAST**

**10 different job opportunity at
the end of**

3 MONTHS

Guranteed

By the end of our transformative 3-month course, you'll be overwhelmed with job offers from at least 10 top companies. This is your chance to choose from a wealth of exciting career opportunities and launch yourself into a successful future!



Testimonials



Arjun Mehta,



3 months with stallers helped me secure a front-end developer job quickly!.



Priya



The personalized mentorship at Stallers gave me the skills and confidence to succeed.



Raghav



Having placement earlier than completing my collage was the best experience, Thanks Stallers



Kavya



Stallers' support was outstanding, helping me land a software engineer position effortlessly.

THANK YOU

Stallers

SEE YOU IN THE CLASSES!

Contact Us



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