

Since 2007, Making IT Experts & Products

Course: AI for Cloud Computing

Duration: 10 Hrs (Changeable) | Fees: Individual / Batch

Since 2007, Nestsoft TechnoMaster has been providing training, internships, and services in IT technologies, both online and offline, with the expertise of **over 250 industry experts**. We have delivered internships, training, and seminars to more than 50,000 students, resulting in numerous success stories. **We offer 100% placement support through JobsNEAR.in**

Our Courses/Internship

- Python/Django Fullstack
- Artificial Intelligence
- Machine Learning
- Data Science
- Software Testing (All)
- Wordpress, Woocommerce
- Digital Marketing, SEO
- Php/MySQL, Laravel
- Flutter, Android, IOS
- Asp.net MVC
- Web Design, Javascript
- Angular JS, React JS
- CCNA, MCSA, CCNP
- AWS, GCP, Azure
- Odoo, Salesforce, Sap
- Microsoft Excel
- Ethical Hacking



Syllabus on the Next Page ..



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Introduction to AI and Cloud Computing (1 Hour)

- * Fundamentals of cloud computing
- * Introduction to Artificial Intelligence and machine learning
- * Cloud service models: IaaS, PaaS, and SaaS
- * Applications of AI in cloud environments

Cloud Platforms and Services (2 Hours)

- * Introduction to AWS, Microsoft Azure, and Google Cloud
- * Cloud computing architecture and deployment models
- * Virtual machines, cloud storage, and networking
- * Introduction to cloud-based AI services

AI Tools and Cloud-Based Machine Learning (2 Hours)

- * Introduction to cloud AI tools and services
- * Using pre-trained AI models and AI APIs
- * Introduction to generative AI in cloud applications
- * Using AI assistants for cloud development tasks
- * Practical exercise with a cloud-based AI service

AI Application Deployment (2 Hours)

- * Preparing an AI-powered application for deployment
- * Deploying a simple application on a cloud platform
- * Integrating AI APIs into web applications
- * Introduction to serverless computing
- * Testing and monitoring deployed applications

Cloud Automation, Security, and Optimization (1 Hour)

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- * Introduction to cloud automation and DevOps
- * Cloud security and identity access management
- * AI-assisted troubleshooting and monitoring
- * Cloud cost optimization and responsible AI usage

Practical Project and Assessment (2 Hours)

- * Build a simple AI-powered cloud application
- * Integrate a cloud-based AI service or API
- * Deploy and test the application
- * Configure basic security and monitoring
- * Project demonstration and final assessment

(Click on Course for more details)

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- Thank You -

N.B: This syllabus is not final and can be customized as per requirements / updates.

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