Software List for All the Tracks (Foundation)

SE & IT, GNT and Data & AI

Sl. No	Requirement	Type	Whitelisting link
1	Minimum 16 GB RAM	Hardware	N/A
2	Minimum 256 GB SSD	Hardware	N/A
3	Intel Core I5 or above processor	Hardware	N/A
6	Chrome Browser	Software	https://www.google.com/chrome/?brand=CHBD&gclsrc=ds&gclsrc=ds
7	Java 17	Software	https://adoptopenjdk.net/
8	VSCode Latest	Software	https://code.visualstudio.com/download
9	Maven	Software	https://maven.apache.org/download.cgi
11	Postman - REST Client	Software	https://www.postman.com/downloads/
12	Gitscm/Github	Software	https://git-scm.com/downloads
13	Docker and Docker Desktop	Software	https://www.docker.com/products/docker-desktop/
14	Kubernetes - minikube and kubectl	Software	https://minikube.sigs.k8s.io/docs/start/ https://kubernetes.io/docs/tasks/tools/
15	MongoDB	Software	https://www.mongodb.com/try/download/community
16	STS 4 installer	Software	https://spring.io/tools
17	Node.js	Software	NODE JS installer : Node.js 20.x (LTS) https://nodejs.org/en/download/prebuilt-installer steps to install node js and NPM :https://radixweb.com/blog/installing-npm-and-nodejs-on-windows-and-mac
18	CI/CD using Jenkins	Software	https://www.jenkins.io/download/
19	SonarQube/Sonar Scanner	Software	https://www.sonarsource.com/products/sonarqube/downloads/lts/9-9-lts/https://docs.sonarsource.com/sonarqube/latest/analyzing-source-code/scanners/sonarscanner/
20	Eclipse IDE	Software	https://www.eclipse.org/downloads/packages/release/2024-06/r/eclipse-ide-enterprise-java-and-web-developers
21	Python3.x	Software	https://www.python.org/downloads/windows/
22	Jira	Software	https://www.atlassian.com/software/jira/download/data-center
23	MySQL 8.X(LTS)	Software	https://dev.mysql.com/downloads/mysql/
24	Kafka	Software	https://kafka.apache.org/downloads
25	Kafka Offset Tool	Software	https://www.kafkatool.com/download.html

Sl. No	Allow Access – Whitelisting link
1	All npmjs.com domains and subdomain
2	All github.com and gitlab.com domain and subdomains
3	All mvnrepository.com domain and subdomains
4	All mongodb.com domain and subdomain
5	https://graphql.org/
6	https://jsfiddle.net/

SL.no		Lumen Whitelisting
1	Lumen Support Email	{clientname&programname}support.lumen@u-next.com
2	Lumen Alert Email for Notifications	info.lumen@u-next.com
3	Lumen URL	lumen.u-next.com
4	Student Dashboard URL	student.lumen.u-next.com
5	Live Classroom URL	kaf.kaltura.com
6	Reset Password Mail	lmn.ai
7	Remote Proctoring (required to whitelist if any RP assessment is there for this client)	https://rp.merittracpariksha.com/

Software List for Data & AI Track

SL #	Software	Allow Access – Whitelisting link
1	Azure CLI	https://docs.microsoft.com/en-us/cli/azure/install-azure-cli
2	AWS CLI	https://aws.amazon.com/cli/
3	Azure Data Explorer	https://docs.microsoft.com/en-us/azure/data-explorer/kusto/tools/
4	Azure Storage Explorer	https://azure.microsoft.com/en-us/features/storage-explorer/
5	SQL Server Management Studio	https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms
6	MySQL Workbench	https://dev.mysql.com/downloads/workbench/
7	Anaconda Python	https://www.anaconda.com/products/distribution
8	Terraform	https://learn.hashicorp.com/tutorials/terraform/install-cli
9	Docker Desktop	https://www.docker.com/products/docker-desktop
10	Apache Airflow	https://airflow.apache.org/docs/apache-airflow/stable/installation/index.html