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Google Services Catalogue

Bhadale Group of Companies

Bhadale Group of Companies consists of:

1. **Bhadale IT Developers Pvt. Ltd** is an IT and Computer Engineering subsidiary company

   This division provides consultation in areas of cutting edge technologies, research outsourcing, and software consultation related to data center and related engineering practices

2. **Bhadale Engineering Developers Pvt. Ltd** is a multi-engineering subsidiary company

Bhadale Group has aggressive programs in place to serve the niche market. Below is related to Google cloud Services

Bhadale Group IT Division, IT Services department

 Below are few of our service offerings:

1. **Architecture and design solutions:** We offer various plans, maps, roadmaps, strategies and workshops that enable clients to make a clear vision and goals commitments towards Google projects and savings

2. **General Migration strategies**: Various models for 1, 2, 3 tier/ multi tier Web app, websites, DB migration design that enable proper performance and quality standards to meet client business needs. DB migration (front end, backend, middle tier/ business): Horizontal, vertical migration, Tiered layer migration, migration to public, private or hybrid clouds

3. **Java apps Migration solutions**: Java apps, Enterprise/ Std. , Oracle DB, MySQL migration to GCP, Re-hosting, full rewrite, partial rewrite for best performance and cost savings

4. **SAP/ Netweaver/HANA :** Full migration to its counterparts in GCP, GCP workspace

5. **.Net/ Sql Server, MS Office/ Office 365 Migration solutions:** Full migration to its counterparts in GCP, GCP workspace

6. **IBM Mainframes Migration solutions:** Various, CICS, Cobol, VSAM, Jobs, Virtualization, Blue screen terminals replaced with rich GUI webapps

7. **LAMP stack Migration solutions:** LAMP/MEAN/XAMPP/ Asp/ Php, migration to GCP

8. **Mobile apps migrations solutions:** From various sources to Android, Firebase, Google compatible mobile devices

9. **Green field/ Brownfield projects:** For emerging AI / ML / Quantum / Research labs - Setup of various departments under ORG Newer projects, defining IAM roles, groups, resources, projects, setting up architectural assets, blueprints, File shares, databases, global synch, strategies, buckets, policies, DevOps, Automation, Dev/Test/Deploy virtual environments/ isolated networks/ server instances

10. **Innovation factory:** We assist you in setting up innovation factory that will take care of your upcoming projects to be more innovative and also assist you in retaining the business pain points to a minimum.

11. **R&D work** : We offer IT and engineering support for your research work

12. **Industrial research:** We offer applied research activities in areas of optimization, modernization, operational research and business innovations that will enable better production and maintenances

13. **Outsourcing:** We offer various programs that enable availability of offshore staff and expertise to you
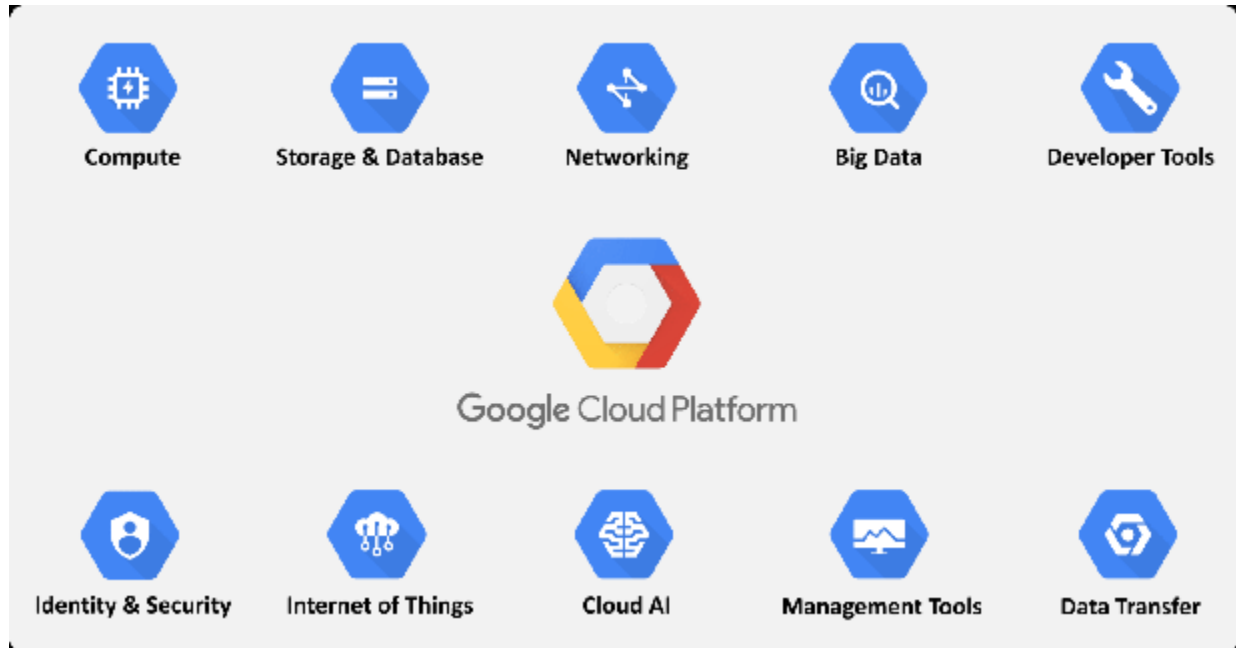
Product details

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We have a large set of subcategories; few are mentioned below with details tabulated

Service No	Service Name	Key Service features
1	**Architecture and design solutions**	We offer customized framework solutions based on GCP principles 1. Operational excellence 2. Security, privacy, and compliance 3. Reliability 4. Performance and cost optimization These principles apply to cloud-native applications as well as migrations from on-premises applications to public cloud, hybrid, and multi-cloud deployments We help clients in drafting various plans, maps, roadmaps, strategies and offer related workshops that enable key stakeholders, architects and designers to get the newer ways of doing enterprise –ready frameworks and adopting digital technologies
2	**General Migration strategies**	Assessment of existing and future landscapes, migration workloads, identify various strategies for migration like rebuild, lift and shift, transform, enrich, data dictionary, meta data, file systems, OS, redundant data, processes, cloud native apps, mobile app

		base, market segment of users, external users, impact analysis, risk analysis and mitigation plan, design of VPN, cloud AD, DNS, certificates, CDN, IAM, DMZ, data lakes, repositories, data marts, warehouses, enterprise racks, blade servers and pods, NAT, IPv6 address pools, protocols, initial virtual environment setups, containers, OS types, expenses management and many more MIS/ admin reports
3	**Java apps Migration solutions**	J2EE,POJO, Servlets, Applets, Stateless session beans, EJB, Jar files, JRE, JVM, IDEs like Eclipse, VS plugins, Oracle Java, JSP webpages, Spring, Hibernate, Maven, various java flavors, various enterprise zip/tar/ jar formats, various data types, custom enterprise classes and messaging services, SOA services, serialization, persistence methods, deployment descriptors, proxies, wrapper classes, helper classes, embedded code, packages, various deployment managers, debugging , trails logging, event management and various software engineering entities that will be migrated We offer end-2-end life cycle management of the enterprise java apps to be migrated to GCP, using various tools and offer CI/CD , highly secure environment that uses AI /ML/ predictive analysis for your reduced operational costs
4	**SAP/Netweaver /HANA migration solutions**	We offer smooth transition to the GCP platform and use real facts and not offer magical solutions. We analyze the required modules for migration right from SAP Basis, CRM, ERP, PLM, and upto Netweaver that enables clients to choose the key modules and prioritize the tasks. We offer migration paths for various modules and SAP packages like BusinessOne or Enterprise Suite and design the right cloud VMs, VPC, containers and pods as part of the IaaS offering for the public or private cloud deployments. We offer migration plans for the Netweaver, BAPI, ABAP / MaxDB features that enable design of cloud native functions. We assist clients in moving the various repositories, data dictionaries, assets to the cloud while retaining the functionality and performance. We assist clients in moving data for failover clustering, CDN, firewall /NAT configurations and various network virtualization features We offer migration of SAP/Microsoft-Duet by resolving any conflicts related to .Net, Azure, Windows, or Linux OS for various packages, deployments and backups
5	**.Net/ Sql Server, MS Office/ Office 365 Migration solutions**	We offer various services that will help easier migration to GCP. We backup snapshots/ restorepoints and fall back paths for webpages and sql script that will enable automated redeployments in GCP. We offer data type migrations using various strategies for retaining the proper type with transformations, meta-data, manifest file updates and various tools that will offer insights of the quality and volume of data that can be moved. We offer redesign of data structures, dataframe, functions, triggers, and various integration points in case of SSIS, and SSRS. We use quick and fast readers to move data to staging, transformation and production environments with CI/CD integration with the required developer apps/ configuration tools We offer migration of workloads from MSOffice to Google docs, forms and sheets along with cloud versions of Office 365 based redeployment to Google Workspace

6	**IBM Mainframes Migration solutions**	We offer migration from mainframe technologies, including IBM Z™ and IBM I™, AS/400 and z/OS systems, Tivoli, WebSphere, Cognos reports, IBM DB2, CICS, Cobol, PL/1, or Assembler programs, VSAM, blue screen terminals, legacy web pages to GCP web pages, distributed globally available structured workloads using GCP Spanner and unstructured data to NoSql Databases. We use Google's G4 mainframe code conversion software that is a market leader in this category transforming monolithic code to microservices We offer redesign, and re-hosting of existing Cobol packages that integrate and offload workloads to GCP compute engines wherever permissible. This enables clients to run hybrid workloads in a hybrid cloud model
7	**LAMP stack Migration solutions**	We offer migration of in-house / corporate run workloads to GCP with relevant stacks like Bitnami LAMP, and others like XAMPP, and MEAN We offer redesign and /or redeploy using strategies that meet client needs and budget. Suitable scripts for MySql are backed up, identities are retained and various schemas are regenerated to ensure business works as expected
8	**Mobile apps migrations solutions**	Migrate to Firebase and Android OS. We use Firebase Cloud Messaging that enables improved notifications and brokered messages that meet security standards and HTTP / XMPP protocols. Ready to use API calls, integration with various end points using web hooks , and pubsub models using topics We offer 5G protocol level android interfacing, enabling better monitoring and custom control of network points, hotspots and data transfer policies with intelligent management of various keys for the base station exchanges making the apps safer from hackers
9	**Green field/ Brownfield projects**	We offer various options for clients to migrate in a phased manner or a total big bang manner as part of a new or existing project work. We offer green field enterprise solutions in the areas of emerging technologies like quantum, AI /ML and autonomous systems. We offer planning, design and development of various work packages for key industries and enterprises of various need s. In green field we offer design of Minimum Viable product (MVP), research lab analysis and testing for proof of concept or technology demonstrator projects. In Brownfield, we offer various gated reviews, integration testing and pilot run and release cycle management enabling to leverage on the newer platform while retaining key functionality
10	**Innovation factory**	Reimagining how to manage apps and infrastructure, stay agile with an open architecture, operationalize insights and accelerate innovation, stay connected, on task, and productive from anywhere, empowered staff, brain storming, flat communication hierarchy, well setup ORG structure, and many more features

		We offer various programs that enable clients to redo same things in a better way or value add by leveraging GCP and our expertise in the research programs We assist clients to embrace / foster change and innovate the business, development manufacturing and production programs, that allows them to better manage programs , regulation, and also produce goods and services as per latest trends
11	**R&D work**	We offer programs that enable clients to setup R&D Center of excellence, collaborate with universities, researchers and lab facilities. We assist clients at various stages and maturity levels to embrace in-house research availability and programs. We offer the baseline guidance, strategies, tools, software and trails management kits along with safety measures for better returns on investments
12	**Industrial research**	We offer site visits by our panel of experts and licensed engineers who will inspect, log and interview related area staff / managers that enables collection of first hand information for lab based report development. We offer digital gadgets, instruments and lab tools that enable deep understanding of the state of operations and various sampling techniques required for a matured report. We offer temporary staff who will be at your premise to gather, study, analyze and report any findings to clients and staff for further investigation and writing of thesis for future research
13	**Outsourcing**	We offer migration experts, staff, managers, engineers, daily maintenance, DBA, cloud architect and various tasks related to cloud work packages

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