



**BHADALE GROUP OF COMPANIES  
- IT AND REAL ESTATE**



Apr 18 2021

Technology Ecosystem - Role based Catalogue

Bhadale IT Pvt. Ltd (registration due)

Canada & India

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**Bhadale Group of Companies**

Bhadale Group of Companies consists of Bhadale IT Developers Pvt. Ltd and Bhadale Real Estate Developers Pvt Ltd.

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

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

2. **Bhadale Real Estate Developers Pvt. Ltd** is a Real estate company

This company provides development of Infrastructure for IT Datacenter and allied sectors. It manages the engineering design, landscaping, civil architecture, presently serving internal projects.

Bhadale Group of Companies has aggressive programs in place to serve the niche market.

**Bhadale IT Developers Pvt. Ltd Programs and Services****IT Division programs**

- 1 Cloud Architecture
- 2 AI
- 3 Digital
- 4 Automation
- 5 R&D services
- 6 Engineering services
- 7 Mentoring Services
- 8 Data center services
- 9 Outsourcing

There are various services offered under each program, details are described below

**IT Division program related services****Cloud Architecture**

- Cloud Enterprise Architecture
- Cloud Business Architecture
- Cloud Information / Website data Architecture
- Cloud Solution Architecture
- Data center Virtualization and Cloud services ( IaaS)
- Cloud Technical Architecture – Project specific
- Cloud ERP Solutions ( SaaS, PaaS)
- Cloud Strategy and Transformation
- Cloud Systems Integration and consolidation
- Cloud Project Management
- Cloud Pre sales support
- Business Needs ( RFI/RFQ/RFP assistance)
- Cloud Quality Initiatives

- Cloud Business Analysis
- Cloud Infrastructure Planning – hardware , network, storage , backup ( IaaS, PaaS)
- Cloud business portfolio assessment services ( workshops)

### **AI**

- Artificial intelligence and advanced machine learning
- Intelligent applications, Intelligent things
- Conversational systems
- Mesh app and service architecture
- Adaptive security architecture

### **Digital**

- Virtual reality and augmented reality: Brief capability, deliverables and service offering
- Digital twins
- Blockchains and distributed ledgers
- Digital technology platforms

### **Automation**

- Robotic Process Automation
- IoT
- Manufacturing robots
- BPO call center robots
- Chatbots
- Remote workers
- Hazardous jobs robots( Mine bombs, nuclear waste, underwater, space etc)

### **R&D services**

- PHD mentor, buddy
- BPO - Outsourced work in areas of research areas related to IT and Computer Engineering

### **Engineering services (Only Engg)**

- Engineering services for Data centers
- Engineering services for IT Departments
- Engineering architectures, drawings, road ways, town house planning, parking, safety, outdoor maintenance, lighting etc
- All other aspects of engineering: Civil, electrical, water and sewage, safety and mechanical motors, pumps, refrigeration, cooling

### **Mentoring Services**

- IT Mentoring
- Engineering Mentoring
- Business Mentoring
- Mentoring for special categories based on age, and disabled
- Mentoring for special professionals like Military and Govt officials under Govt Programs

### **Data center services (Engg + IT)**

- Data center Engineering services
- Data Center IT Services
- Data center Security services
- Data Center QA services
- Datacenter Cloud services
- Datacenter compliances services
- Data center based business solutions

### **Outsourcing**

- Insourcing
- Outsourcing
- Near sourcing
- Cloud sourcing
- BPO services
- IT specific services
- Engineering specific services
- Training specific services

## Our Technology Ecosystem - Role based

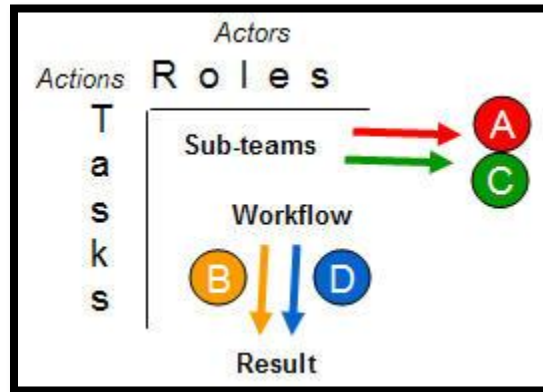


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We have a large set of tools and solutions; few are mentioned below with details tabulated

Role	Our offer/ services	Our Products used to offer services/ ecosystem
AWS Developer – IT services	<p>We offer wide range of development services for AWS projects, includes various industrial domains and horizontal solutions. Below mentioned are typical offerings and will be customized as per project needs</p> <ul style="list-style-type: none"> <li>We use Cloud9 Env to bootstrap virtual env for various development instances, install dependencies, &amp; develop website code using python, java/javascript and C++/bash under Linux and windows OS</li> <li>We implement the application's CI/CD pipeline using the AWS CI/CD stack.</li> <li>Our team will write infrastructure as code using CloudFormation or similar.</li> <li>We develop Container related code for various applications and migrate it to EKS</li> <li>We test developed code in a sandbox testing env before moving / swapping the instances to production</li> <li>We write infrastructure as code (IaC) using CloudFormation or Terraform</li> <li>We Develop apps using Elastic Beanstalk, microservices, and lambda</li> <li>We create different AWS services such as API, IAM roles, RDS instance and Lambda to build a serverless application</li> <li>We offer to use appropriate AWS services (e.g.</li> </ul>	<p>We use various AWS and market place partner products that enable client's requirements, business use cases and performance improvements are met</p> <p>Below are few develop tools we use regularly:</p> <ul style="list-style-type: none"> <li>AWS Cloud Development Kit</li> <li>AWS CodeStar</li> <li>AWS CodeCommit</li> <li>AWS CodeBuild</li> <li>AWS CodeDeploy</li> <li>AWS CodePipeline</li> <li>AWS Cloud9</li> <li>AWS X-Ray</li> <li>AWS Command Line Interface</li> <li>Amazon Corretto</li> <li>AWS Tools and SDKs: <ul style="list-style-type: none"> <li>AWS Device Farm, AWS CodeArtifact, Amazon CodeGuru</li> </ul> </li> </ul> <p>For more details of the product range refer to "Bhadale Group of Companies - Technology Ecosystem for AWS" document</p>

	<p>S3, EC2, Lambda, Glacier, SNS, EBS, CloudFront, SQS, VPC, Kinesis, and Elastic Beanstalk, etc)</p> <ul style="list-style-type: none"> <li>• We use various dependencies and tools like Npm, Node.js, Terraform, Postman, Linux modules, and validation tools</li> </ul>	
AWS Architect- IT services	<ul style="list-style-type: none"> <li>• Conducting architectural evaluation, analysis, and design of enterprise-wide systems</li> <li>• Translating project-specific needs into a cloud structure that will suit those needs and considering the project needs in terms of resource usage and scalability.</li> <li>• Designing the cloud environment from a holistic point of view, ensuring it meets all of the company's requirements.</li> <li>• Carrying out deployment, maintenance, monitoring, and management tasks within this implemented cloud structure.</li> <li>• Overseeing cloud security.</li> <li>• Integration of new applications into the cloud environment.</li> <li>• Conducting migration, where necessary, to bring tools and other elements into the cloud.</li> <li>• Design virtualization solutions to achieve effective server management for the business</li> </ul>	
AWS Manager- IT services	<ul style="list-style-type: none"> <li>• Work with product managers in developing a strategy and road map to provide compelling capabilities</li> <li>• Project management - prioritization , planning of projects and features, Stakeholder management and tracking of external commitments</li> <li>• Assign appropriate project management models like Agile, Kanban, extreme programming, and Scrum</li> <li>• Design, Develop PMI related management assets for effective management of development, risks, staff, processes , dependencies and related cost factors that ensures real value delivered</li> <li>• Conduct regular team meetings, reports, and communicate to related stakeholders</li> <li>• Manage any issues, risks, complaints and change requests in time and budget</li> <li>• Act as client coordinator and pass on required data for effective and agile delivery</li> </ul>	

AWS Engineer- IT services	<ul style="list-style-type: none"> <li>• Collaborating with engineering and development teams to evaluate and identify optimal cloud solutions.</li> <li>• Experience installing and configuring different application servers such as JBoss, Tomcat, and WebLogic</li> <li>• Client-Server configuration for user environments using virtualization and container technologies</li> <li>• Instrument and monitoring solutions using tools like CloudWatch, ELK Stack, and Prometheus</li> <li>• Assist Cloud Admin in retrieving logs, certificates, licenses</li> <li>• Setup cloud instances on various models like IaaS, PaaS, SaaS and for distributed systems like HDFS, Clusters and private and public cloud</li> <li>• Install security patches/ versioned releases on all environments</li> <li>• Troubleshoot incidents, identify root cause, fix and document problems, and implement preventive measures</li> <li>• Effective reuse of data center infrastructure, tools and staff</li> <li>• Identifying, analyzing, and resolving infrastructure vulnerabilities and application deployment issues.</li> </ul>	
GCP Developer- IT services		
GCP Architect- IT services		
GCP Manager- IT services		
GCP Engineer- IT services		
Azure Developer- IT services		
Azure Architect- IT services		
Azure Manager- IT services		
Azure Engineer- IT services		
Computer Engineer- Engg services		
Electrical Engineer - Engg services		

Electronics Engineer- Engg services		
Mechanical Engineer- Engg services		
Architecture Engineer- Engg services		
Civil Engineer- Engg services		
Mechatronics/Robotics Engineer- Engg services		
Quantum Engineer- Engg services		
Nanotech Engineer- Engg services		
Cross- disciplined Engineering team - Engg services		
Program Manager – Mgmt services		
Client Engagement Manger - Mgmt services		
Project Manager – Mgmt services		
Business Analyst- Mgmt services		
Enterprise Architect- Engg services		
Hardware Engineer- Engg services		
Software Engineer- Engg services		
Network Engineer- Engg services		
Virtualization / Containerization Engineer- Engg services		
Specialized team / panel of doctors, engineers and nanoengineers		
Cloud Admin	<a href="https://www.whizlabs.com/blog/top-cloud-management-tools/">https://www.whizlabs.com/blog/top-cloud-management-tools/</a>  <a href="https://www.softwaretestinghelp.com/cloud-monitoring-tools/">https://www.softwaretestinghelp.com/cloud-monitoring-tools/</a>	
Hybrid cloud Admin		
Cloud Solutions designer		
Cloud DevOps Engineer		
Cloud Security Engineer		



**Technology Ecosystem - Role based catalogue****Bhadale Group of Companies**

Cloud models designer (IaaS,PaaS, SaaS)		
Industrial Domain specialist		
Cloud Enterprise Architect		
Governance, business ethics, compliance Manager		
AI/ML specialist		
Operations/ Production Manager		
Cloud Migration specialist		
Big Data Engineer		
Open Source Engineer		
Integration specialist		

**Disclaimer:** Few product details are sourced, from the web; we have no intention to infringe any text or web content. We are using this for illustration purpose only

For more details, contact below:

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