



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



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Technology Ecosystem for Modernization Catalogue

Bhadale IT Pvt. Ltd (registration due)

Canada & India

Mobile: +91- 9741040195 | Website: <https://vijaymohire.wixsite.com/bhadaleit>

**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 for Modernization



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

Domain	Our Product offer	Our Products ecosystem/ features
National level	<ol style="list-style-type: none"> <li>1. <a href="#">Intelligent safety of in-transit goods / assets, &amp; travelers</a></li> <li>2. Intelligent food supply, logistics and sanitation</li> <li>3. <a href="#">Intelligent power distribution</a> and monitoring</li> <li>4. AI vigilance eye for <a href="#">cyber</a>/ real threats and accidents- real and virtual</li> <li>5. Improved travel management with <a href="#">adv. booking</a>, check-in features</li> <li>6. Improved border safety- easily role based configurable apps/ systems</li> <li>7. Real time border traveler inspection for various threats, illness, history</li> <li>8. Intelligent border management and dispute resolution cobots</li> <li>9. Intelligent ecosystem / biosphere monitoring systems</li> <li>10. Intelligent food safety inspection machines for public</li> </ol>	<a href="https://www.its.dot.gov/research_areas/border_crossings.htm">https://www.its.dot.gov/research_areas/border_crossings.htm</a> <a href="https://optasense.com/security/border-security/">https://optasense.com/security/border-security/</a> <a href="https://www.sciencedirect.com/science/article/pii/S0924224419303048">https://www.sciencedirect.com/science/article/pii/S0924224419303048</a>

<b>Provincial level</b>	<p>10. <a href="#">Intelligent datacenters</a> for upstream and downstream data management</p> <p>11. Provincial related <a href="#">canonical DB</a>/datasets for various programs</p> <p>12. Intelligent, <a href="#">integrated</a> provincial programs <a href="#">data</a> and cross-analysis</p> <p>13. Automated compliances related to federal, legal, &amp; revenues streams</p> <p>14. Intelligent Govt. ledgers, balance sheets, &amp; portfolios</p> <p>15. Intelligent expenses, funding and budget allocation</p> <p>16. <a href="#">Cobot</a> assisted virtual expert systems for various policies, &amp; rules</p>	<a href="https://hello.global.ntt/en-us/solutions/intelligent-data-center-and-hybrid-cloud">https://hello.global.ntt/en-us/solutions/intelligent-data-center-and-hybrid-cloud</a>
<b>Company level</b>	<p>17. Intelligent personalized <a href="#">start-up packages</a>, ready to serve</p> <p>18. Intelligent integrated database of companies / affairs</p> <p>19. Cash-less transactions, digital footprints for <a href="#">B2B</a>, &amp; <a href="#">B2C</a></p> <p>20. Intelligent online markets for all <a href="#">B2B</a>, <a href="#">B2C</a> <a href="#">operations</a></p> <p>21. Intelligent Pooling of shared resources and sharing</p> <p>22. Intelligent production monitoring and supervisory control</p> <p>23. Intelligent operations management</p> <p>24. Intelligent Ware house management, &amp; allocation</p> <p>25. Intelligent shipping and forex management</p>	<a href="https://www.sap.com/india/products/intelligent-enterprise.html">https://www.sap.com/india/products/intelligent-enterprise.html</a> <a href="https://issd.iism.kit.edu/764.php">https://issd.iism.kit.edu/764.php</a> <a href="https://www.xenonstack.com/blog/intelligent-enterprise-platform/">https://www.xenonstack.com/blog/intelligent-enterprise-platform/</a> <a href="https://us.nttdata.com/en/services/nucleus-intelligent-enterprise-platform">https://us.nttdata.com/en/services/nucleus-intelligent-enterprise-platform</a>
<b>City level</b>	<p>26. Intelligent entry/ exit point security, screening for threats, &amp; diseases</p> <p>27. Intelligent resident apps for safer and faster</p>	<a href="https://iiot-world.com/smart-cities/the-smart-city-ecosystem-framework-a-model-for-planning-smart-cities/?utm_content=bufferf9d62&amp;utm_medium=social&amp;utm_source=twitter.com&amp;utm_campaign=buffer">https://iiot-world.com/smart-cities/the-smart-city-ecosystem-framework-a-model-for-planning-smart-cities/?utm_content=bufferf9d62&amp;utm_medium=social&amp;utm_source=twitter.com&amp;utm_campaign=buffer</a>

	<p>services</p> <p>28. Interconnected AI digital cameras for public safety &amp; surveillance</p> <p>29. Intelligent pooling of public / private transit modes/ systems for sharing</p> <p>30. Real time safety of strangers travelling together , pick up, &amp; pooling</p> <p>31. <a href="#">Intelligent safe driving</a> lane guide in-car apps</p>	<p><a href="https://pages.nist.gov/smartcitiesarchitecture/">https://pages.nist.gov/smartcitiesarchitecture/</a></p> <p><a href="https://www.intechopen.com/books/smart-urban-development/towards-a-generic-framework-for-smart-cities">https://www.intechopen.com/books/smart-urban-development/towards-a-generic-framework-for-smart-cities</a></p>
<b>Individual level</b>	<p>32. Intelligent apps for Govt. relations like Individual tax</p> <p>33. <a href="#">Intelligent</a> , <a href="#">health management apps</a>, gadgets, &amp; <a href="#">emergency responders</a></p> <p>34. Intelligent Job management, &amp; training</p> <p>35. <a href="#">Smart living</a>, &amp; nutrition apps</p> <p>36. Intelligent home supplies / inventory management</p> <p>37. <a href="#">Personalized City-life guide</a>, news , &amp; emergency numbers</p> <p>38. Online advertisement - write once, &amp; advertise in many portals</p>	<p><a href="https://techwireasia.com/2020/02/hyper-agility-with-intelligent-workspaces-drive-idcs-future-of-work-model/">https://techwireasia.com/2020/02/hyper-agility-with-intelligent-workspaces-drive-idcs-future-of-work-model/</a></p>
<b>Rural areas</b>	<p>39. Intelligent parks, animal , assets, &amp; food supply management system</p> <p>40. Natural resource intelligent <a href="#">data management</a> using robots, &amp; drones</p> <p>41. Intelligent Forest/ bio-diversity conservation system</p> <p>42. Intelligent digitalization of tribal culture, history &amp; habitat</p> <p>43. Setup of traditional jobs and shops</p>	<p><a href="https://enrd.ec.europa.eu/smart-and-competitive-rural-areas/smart-villages/smart-villages-portal/smart-villages-toolkit_en">https://enrd.ec.europa.eu/smart-and-competitive-rural-areas/smart-villages/smart-villages-portal/smart-villages-toolkit_en</a></p> <p><a href="https://www.itu.int/en/ITU-D/ICT-Applications/Pages/smart-village.aspx">https://www.itu.int/en/ITU-D/ICT-Applications/Pages/smart-village.aspx</a></p>

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For more details, contact below:

**Contact**

**Bhadale IT Pvt. Ltd**

CTO: Vijay Mohire, 9741040195; Email: vijaymohire@gmail.com