



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



May 01 2021

Technology Ecosystem for Intel: Catalogue

Bhadale IT Developers Pvt.Ltd

105 Kingswood Drive Brampton, ON L6V 2X5, Canada | Website: <https://www.bhadaleit.com>

**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 Intel

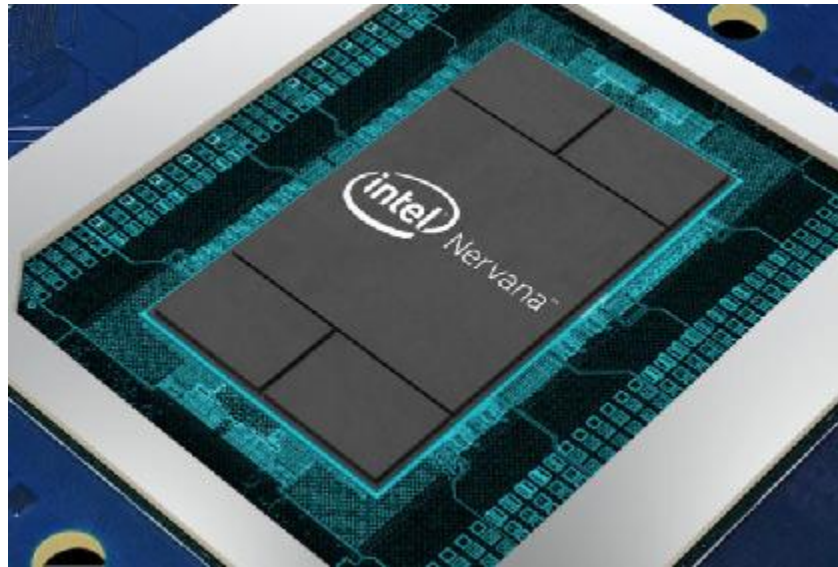


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We have a large set of tools and solutions; few are mentioned below with details tabulated

Intel Product Name	Intel Product /tool details	Usage / Use case / ecosystem/ value adds
Intel Xeon Processor	3rd Gen Intel® Xeon® Scalable Processors are optimized for many workload types and performance levels, all with the consistent, open, Intel architecture you know and trust.	Deliver cloud computing, get real-time insights from data analytics, increase data center productivity, and scale easily.
Intel® Data Center Blocks for Cloud (Intel® DCB for Cloud)	Intel® Data Center Blocks (Intel® DCB) are purpose built, fully validated server systems that can help clients accelerate time to market with innovative server solutions built with the latest technology.	Intel ® DCB's certified for Microsoft Azure Stack HCI  The VMware vSAN ReadyNode data center block delivers a high-performance, flash-optimized hyperconverged storage solution for any application.
Intel® Data Center Blocks for Enterprise AI Inferencing	AI inference using Intel's OpenVINO toolkit	<b>Use cases:</b> Natural language processing, image classification, object detection and object tracking. <b>Deployment:</b> Edge and data center deployments.

Intel® Optane™ SSD 9 Series/ Intel® Optane™ DC SSD Series	Intel® Optane™ technology is an entirely new class of non-volatile memory. Its high speed and density eliminates processing bottlenecks and improves performance.	Intel® Optane™ Memory is a system accelerator designed to increase system responsiveness and reduce the time spent waiting for tasks to finish. It can improve things such as booting, locating files, saving and moving large files, launching applications, and in demanding applications like big data, high performance computing (HPC), virtualization, storage, cloud, and gaming
FPGA Virtualized Radio Access Network (vRAN)	Unlock new use cases and increase network efficiency with Intel's broad portfolio of network accelerators, combined with AltioStar's 5G-ready open virtualized radio access network (Open vRAN) software solution	CoSP who wish to launch 5G vRAN Cloud networks that need newer radio interfaces- 5G Telecom virtual operators making use of SDN based networks Cloud apps that need 5G API interfaces
Intel® Stratix® 10 NX FPGA	AI-optimized FPGA – the Stratix 10 NX – which features expanded AI Tensor blocks (30 multipliers and 30 accumulators), integrated HBM memory, and high bandwidth networking.	Intel's first AI-optimized FPGA for high-bandwidth, low-latency AI acceleration for applications such as natural language processing and fraud detection. This FPGA is optimized for common matrix-matrix and vector-matrix multiplications, and INT8 inferencing
Intel Partner products/ solutions	Dell-EMC, Cisco, Azure	Intel based client-server machines / laptops Dell-EMC storage devices optimized for Intel hardware acceleration, virtualization, security and hi speed inter connect Cisco Connected Healthcare
Industrial standards, frameworks, Open standards	IEEE, NIST, Robotics	We offer Intel solutions that for various segments like Engineering, IoT, Robotics, using open sources, frameworks like Industry 4.0, Systems Safety, electrical engineering standards, wiring standards, optical systems, 5G etc
Our Intel packages for various use cases , domains and common issues	Various industrial sectors for horizontal and verticals	We offer unique solutions that allow our clients to migrate to a better platform that might not always be a cheap one, however offer the best of breed solutions, engineers and managers

**Disclaimer:** Few product details are sourced, from the web; we have no intention to infringe any text or web content.

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