



NucleoDyne Systems, Inc.

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NucleoDyne Systems, Inc. was founded by a group of distinguished graduates with educational & professional excellence who acquired significant core competency in low level system software development, embedded & enterprise systems development. The company aspires to provide futuristic solutions in systems software to the American Computational Society while offering bright and committed engineers an open and relaxing atmosphere to work so as to bring the best creativity from them.

System Design Services

NucleoDyne Systems has been providing software, and hardware design and development services to many startup as well as enterprise class customers in the USA. The company has core competence in embedded systems design, custom board bring-up, various operating systems (Linux, UNIX, VxWorks, QNX etc.) port to new platforms, operating systems specific new modules/subsystems design, device driver development, systems profiling, performance analysis and postmortem analysis. The company has developed software on various architecture including x86, Itanium, PowerPC and MIPS involving different network and IO bus protocols like PCI, PCI-X, USB, SCSI, FC, iSCSI, IDE, I2C, Ethernet and have used tools like protocol analyzers, lan analyzers, JTAG based debugger, kernel debuggers, crash dump analyzers to debug and troubleshoot software modules and hardware systems.

The resources of the Company: Engineers with Excellent Professional and Academic Background

The principal members of our team are graduates of Stanford University, toppers of Indian Institute of Technologies (IIT), mathematics Olympiad winners, toppers from state board and award winners/outstanding performer in industry.

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Experience in Complex Software Module Design

Our engineers come from R&D laboratories of top companies including Hewlett Packard, Sun Microsystems and other embedded operating systems development companies. They have experience in developing and supporting enterprise class mission critical systems.

NucleoDyne Systems, Inc. works with an IIT

We have a mutually beneficial collaborative Research & Development relationship with IIT Kharagpur, India, a premier engineering Institute of international repute. Their abundant knowledge base and in-depth research findings have substantially contributed to the development of our software solutions. We closely work with them to develop futuristic cutting edge technologies that brings about significant improvements in the computational world.

Developing New Technologies and Products

We have been working towards developing new technologies that may revolutionize the computational world. We have been doing research to utilize the power of an atom to do basic mathematical computation and for information storage, also we are exploring different mathematical models for significant improvements in systems performance, reliability and robustness.

Our engineering team has been developing products to help design embedded and enterprise class computer systems. They also have been developing products involving storage protocols.

Offshore Development Center

We have an offshore development center, located strategically in the premise of IIT Kharagpur. It was formed by distinguished professors and students of IIT Kharagpur and IIT Kanpur. The center has been a great source of technological inputs to the company that is helping to solve scientifically challenging problems for techno savvy American principals.

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