

Lowell Lannert

proactive, diplomatic, thorough, objective, reliable

- ✓ Unparalleled breadth of experience
- ✓ Dedicated and accomplished across all IT disciplines
- ✓ Authored several full-stack applications, web sites, and network implementations
- ✓ Owned and operated independent consultancy for 25 years
- ✓ Expert at improving inefficiencies, identifying profit centers, and developing solutions

"Lowell was essential to operations. As we downsized, I reassured Lowell that he'd be the last one out the door. Even after me." ~ CEO

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2020-Present ~ Pro Bono

Provided expert level services to the community to include, but not be restricted to home design/construction, restaurant design/construction, web-site design/construction, IT services, Office design/construction, and Facilities design/construction. IETech

- 🔧 Chief Architect, AutoCAD, Mechanical/Structural/Solar Engineering
- 🔗 HTML5~CSS3~Python~Outlook HTML

2019-2020 ~ Architect ~ Splunk Modules

Built two Splunk modules to augment monitoring. The first module enabled the scheduling of maintenance outages, while the second module was an HTML alerting template engine that formatted monitoring alerts for easier interpretation, on-the-fly diagnosis, and as-needed educational links. Fiserv

- Splunk
- 🔗 HTML5~CSS3~Python~Outlook HTML

2008-2019 ~ Architect ~ Enterprise Monitoring

Sole architect, developer, and administrator of a monitoring solution designed to oversee the operations of the mobile banking application for many of the largest financial institutions in the nation.



Highlights: maintained all SLAs, flexible decoupled architecture, open source, single code base, highly secure, comprehensive diagnostics, essential operational data, 200+ remote servers at 100+ remote sites, 100s of touchpoints, billions of metrics, prevented 100s of impacting scenarios, live regional channel simulation (SMS, URL, and REST) Monitise

- 🐧 Linux~Bash
- 🗄 MySQL~MSSQL~Oracle~Postgres
- 📊 Nagios~Centreon~SNMP
- 🔗 Javascript~JSON~Perl
- ⚙ REST~SOAP
- 🛡 VPN~TLS~SSL~SSH
- 🏠 Salesforce~Jira~Confluence

"Lowell was a great technical resource ... instrumental in helping gather and organize monthly usage data ... critical to company operations ... reported to C-level executives ... easy to work with ... always had confidence his output would be accurate and punctual" ~ VP Sales

1995-2024 ~ Owner ~ Consulting

Founded and operated a successful consulting company since 2000, fulfilling all technology needs for small to mid-sized businesses.

As part of my commitment to excellence, I replaced all of the Microsoft backend products with their Linux counterparts, resulting in substantial cost savings, significantly improved uptime, and extended capacity (>50,000 emails/week). IETech

- ☰ Management
- 🔧 Cat5~T568B~TCPIP
- ✉ Exchange~Postfix~AntiSpam
- 🖥 VirtualBox~TrueNAS
- 🔗 Active Directory~Open LDAP~Samba

"As the CEO of multiple companies, I had the pleasure of working with Lowell for several years ... His character and behavior are second to none ... Integrity, dependability, and reliability, best express who he is" ~ IETech Client

1990-1993 ~ Architect ~ Campus Network

Successfully designed, built, and administered a 14-server network to support 800 departmental users. Ongoing responsibilities included overseeing all aspects of LAN and WAN operations. Brown & Root Braun

"Lowell led the investigative and disaster recovery team when the company was infected with a virus. Despite sound policies and procedures established by Lowell, end-user neglect was the root cause. Lowell handled the resulting all-hands meeting with composure and resolve, quantitatively emphasizing the importance that everyone adhere to the security policies. ~ CEO

1987-1990 ~ Architect ~ Fiber Network

As a project engineer, I led a team in evaluating LAN technology, establishing customer network requirements, and proposing the full technical specification of a large 750 node LAN. This included requirements analysis, economic analysis, design, implementation plan, training plan, and security plan. I performed extensive evaluations of the current state of available token ring, token bus, and ethernet products, and produced life cycle cost/benefit comparisons of copper and fiber optic transmission mediums for specific customer needs. S.Systems

"Lowell consistently performed above client expectations" ~ Manager

1985-1987 ~ Architect ~ Personal Matching

As architect, developer, and administrator, I created a personal matching program for single people. Its unique algorithm is still considered state-of-the-art. Intro

"500% annual revenue growth was the direct result of Lowell's skills" ~ CEO

1983-1985 ~ Director ~ Publishing

As IT Director, I launched several initiatives to improve efficiency within this publishing company. I engineered a solution to transfer data from an obsolete computer. Pertinent to that were numerous mailing list cleansing scripts using self-learning and a paste-up script to automatically paginate classified ads. Intro

"How Lowell managed to save our most valuable asset was absolutely amazing" ~ CEO

 LAMP~HTML~CSS~AJAX

 Intel~3Com Ethernet~IPX/SPX


 Novell~LAN Manager

 Apple~xDOS~Windows


 FDDI~Multimode fiber~Proteon

 Ethernet~Token Ring~TCP/IP

 Vax~Banyan Vines

 IBM~Iomega~HP

 DBase~XyWrite


 IBM~Iomega~HP


 DBase~XyWrite

Employment

Education

 **Iowa State University** ~ Ames, IA

 BS Computer Science ~ Dec 1981-May 1983

 BA Architecture ~ Aug 1977-Dec 1982

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|--|-------------------|--------------------|---------------------|
|  | Alpharetta, GA | Mar 2019-Mar 2020 | Software Architect |
| monitise | San Francisco, CA | July 2008-Mar 2019 | Solutions Architect |
|  | San Francisco, CA | Apr 1995-Jul 2008 | Owner |
|  | San Francisco, CA | May 1994-Mar 1995 | Solutions Architect |
|  | Cerritos, CA | Aug 1993-May 1994 | Systems Architect |
|  | Alhambra, CA | Mar 1990-Aug 1993 | Network Architect |
| S.Systems | El Segundo, CA | Mar 1987-Mar 1990 | Network Architect |
|  | Los Angeles, CA | Jan 1984-Jan 1987 | IT Director |