IAN DUNCAN

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FULL-STACK DEVELOPER, HANDS-ON SYSTEMS ENGINEER AND BACK-OFFICE ARCHITECT WITH EXTENSIVE EXPERIENCE IN DATA MANAGEMENT, PLATFORM CONSOLIDATION AND BUSINESS INTEGRATION EFFORTS.

PROGRAMMING

- PHP
- Coldfusion
- Javascript / DOM
- OOP & MVC Design Patterns
- XML / JSON Webservices
- ASP.Net (VB) / ASP 3.0
- MySQL, MS SQL, MS Access
- SNMP Monitoring & Management
- MRTG Graphing, RRDTool
- Shell Scripting

DESIGN

- Adobe Photoshop
- Adobe Flash
- Adobe Illustrator
- Adobe Premier

ENGINEERING

- IIS, Apache web servers
- Windows / FreeBSD / CentOS
- Load balancing
- Intelligent database design
- Hardware troubleshooting & maintenance
- VMWare Virtualization
- Mail Server / MTA Administration
- Payment gateway & API Integration
- LAMP installation, configuration and administration
- Subversion installation, administration and use
- File and database replication strategies
- Server backup and redundancy
- Uptime monitoring and usage reporting
- DNS administration
- Command-line Linux server administration
- Iptables and pf firewall configuration

MARKETING

- Manage Adwords PPC campaigns
- Split-testing and landing page conversion
- Blog/CMS installation and customization
- Custom translation for multi-lingual websites
- Manage advertising costs and review spending
- Search engine knowledge and strategies
- Onsite and offsite optimization
- Advanced tracking and custom analytics

PORTFOLIO

http://www.formexperts.com
- Create and use online forms for websites without requiring any programming. Online form builder, Excel-report generation, custom RSS feeds, payment processing, and an extensive list of additional features.

http://www.formdevil.com
- Sister website to formexperts.com. PHP form code generation engine delivers a single PHP file for people to use for embedding forms into their websites.

http://afa.blueoctane.net
- Ad tracking, split-tests, conversion calculation, graph and report generation.

EXPERIENCE

Manager, Systems Engineering - Airband Communications 4/2010 — Present

[Las Vegas, NV]

- Developed and maintain provisioning and reporting tools on company intranets
- Consolidated multiple DNS architectures, billing systems, NMS tools, IP management databases, SMTP platforms
- Designed rack and installed server deployment in local datacenter
- Architect of a distributed MRTG/RRDTool polling and reporting platform (100k+ Datasources)
- NMS and backoffice server planning, installation and administration
- Organized a scalable and efficient naming strategy for a network of 7,000 devices across 15 markets

Sr LAMP Developer - Sparkplug Communications 11/2008 — 4/2010

[Las Vegas, NV]

- Developer of visual reporting tools - MRTG Graphs/Google Maps
- Troubleshoot legacy code, optimize and integrate with new systems and platforms
- Monitoring and remote administration of fixed wireless broadband networks in multiple markets (wireless radios, switches, routers, servers)
- Assisted with billing consolidation and integration project
- Administer the NMS and backoffice server platforms

Entrepreneur - Blue Octane Media 6/2006 — Present

[Las Vegas, NV]

- Develop and support in-house projects (formexperts.com, formdevil.com)
- Manage large MySQL databases of customer data and integrate into custom reporting tools
- Create online ad-tracking, split-testing and conversion reporting tool
- Freelance and outsource online programming projects
- R&D, Sales, Support, Marketing, Accounting, Management & Head Janitor

Webmaster - Vanguard Integrity Professionals 6/2002 — 6/2006

[Las Vegas, NV]

- Designed and programmed corporate website and intranet
- Created custom event registration and attendee management system
- Facilitated sales process with PowerPoint presentations and on-site client visits
- Live product demonstrations at customer sites and international trade shows
- Developed corporate brand (Logo, Stationery, Website, Product Handouts, Uniforms, etc.)
- Coordinated with many vendors to produce promotional materials for the owner's off-road rally team

Webmaster, Nevada Corporate Headquarters 1/2000 — 6/2002

[Las Vegas, NV]

- Designed and programmed corporate sales sites
- Managed $10k/month PPC budget
- Responsible for dramatic increase in online traffic, leads and sales

REFERENCES AVAILABLE UPON REQUEST.