

DAMIEN HOUSE

ANALYSIS, DESIGN, ENGINEERING, ADMINISTRATION

Technical consultant experienced in the successful production of business intelligence and content management systems as a full stack developer, software systems architect, and administrator of engineering operations.

OVERVIEW

- Continuous learner, routinely engaged in deep dive studies on software development tools and practices to further skillset, knowledge, and professional development.
- Craftsman and philosopher, dedicated to the study and practice of using technology.
- Abstract artist, channeling passion for science, engineering, audio and visual arts into a specialized lab for conducting research and development projects exploring astronomy, physics, meteorology, and geography.

BUSINESS PRACTICE / INFORMATION TECHNOLOGY MANAGEMENT

- Leading the design and development of information systems that support strategic initiatives and business models; collaborating with clients, teams, and stakeholders to assist in defining and producing deliverables; coaching principle, pattern, technique.
- Integrating distributed systems that include desktop and mobile technology, security software, database applications and web services; successfully implementing technical solutions.
- Analyzing emerging technologies; identifying and understanding large scale issues and opportunities, areas that improve operating results; determining the appropriate course of action and delivering long-term sustainable and scalable solutions.

DISCIPLINE / SOLUTION ARCHITECTURE

- **Principle Science**
User Experience, Product Development
planning, research, exploration, analysis, synthesis, evaluation ~ objective, scope, process, strategy, roadmap, epic, story, requirement, user research, documentation, specification, function, principle, pattern, prototype, concept, model
- **Form**
Information Architecture, Interaction Design
drafting, structuring, organizing, classifying, defining, refining ~ interface, model, language, semiotics, grammar, syntax, ontology, taxonomy, document, navigation, layout, composition, pattern
- **Function**
Software Engineering, Infrastructure Operations
development, assembly, programming, configuration, deployment, administration ~ software, interface, system, product, architecture, pattern, algorithm, library, framework, platform, service, utility, application, workflow, intelligence

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PROFESSIONAL EXPERIENCE

- 2021.07 – 2022.07* *1yr* **Senior Drupal Developer: Technical Strategy**
Washington, DC **Innosoft Corporation**
United States Department of Commerce: National Telecommunications and Information Administration
- Business Intelligence, Content Management, Migration, Automation (portal, website, application, software, database, enterprise): **www.ntia.gov**
 - Software System: client-server, web-browser, mobile, windows, linux, apache, mysql, php, sql, javascript, html, css, sass, drupal-7-8-9
 - Principle Science (Form, Function): analysis, design, engineering, administration / agile / 2.person
- 2017.05 – 2020.12* *3yr 8mo* **Principal Architect: Enterprise Systems**
Washington, DC **Focused Management, Inc.**
United States Department of Agriculture: Office of the Chief Information Officer, Customer Solutions - Infrastructure Operations, Platform Services
- Business Intelligence, Content Management, Migration, Automation, Server Diagnostics (portal, website, application, software, database, enterprise): **Virtualization, Database, Storage, File Share, Distributed File System**
 - Software System: client-server, web-browser, windows, iis, apache, sqlserver, mariadb, python, powershell, php, sql, javascript, html, css, drupal-7-8, azure, hyper-v, vmware, sccm, solarwinds, splunk
 - Principle Science (Form, Function): analysis, design, engineering, administration / agile / 8.person
- 2013.11 - 2016.12* *3yr 2mo* **Senior Technical Consultant: Subject Matter Expert**
Arlington, VA **Blackstone Technology Group**
United States Department of Agriculture: Food and Nutrition, Agricultural Marketing Service
- Business Intelligence, Content Management (interactive media, portal, website, application, software, database, enterprise): **www.fns.usda.gov, www.ams.usda.gov**
 - Software System: client-server, web-browser, mobile, linux, apache-2, mysql-5, php-5, sql, javascript, html, css, sass, drupal-7-8, akamai, aws, azure
 - Principle Science (Form, Function): analysis, design, engineering, administration / agile / 25.person
- 2012.07 - 2013.08* *1yr 2mo* **Senior Interactive Engineer: Technical Strategy**
Manassas, VA **Saforian**
Share Our Strength, FHI 360, Grunley Construction Company
- Business Intelligence, Content Management (interactive media, portal, website, application, software, database, enterprise): **www.nokidhungry.org, www.fhi360.org, www.grunley.com**
 - Software System: client-server, web-browser, mobile, linux, apache-2, mysql-5, php-5, sql, javascript, html, css, less, drupal-7, apache solr, pantheon
 - Principle Science (Form, Function): analysis, design, engineering, administration / agile / 15.person

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PROFESSIONAL EXPERIENCE

2007.12 - 2012.04 4yr 5mo Senior Software Engineer: Technical Strategy

Washington, DC Virilion | RepEquity

eBay Government Relations, American Coalition for Clean Coal Electricity, UNICEF, J8 Summit, Baseball Hall of Fame, National Association of Realtors, South Carolina Department of Commerce, Every Mother Counts, Town and Country Bank

- Business Intelligence, Content Management (interactive media, portal, website, application, software, database, enterprise): www.ebaymainstreet.com, www.americaspower.org, tap.unicef.org, www.j8summit.org, www.baseballhall.org, members.realtor.org, scommerce.com, www.everymothercounts.org, www.townandcountrybank.com
- Software System: client-server, web-browser, mobile, linux, apache-2, mysql-5, php-5, sql, javascript, html, css, drupal-5-6-7, akamai, pantheon, rackspace
- Principle Science (Form, Function): analysis, design, engineering, administration / agile / 40.person

2003.02 - 2007.07 4yr 6mo Senior Software Engineer: Technical Strategy

New York, NY Time, Inc.

Time Consumer Marketing

- Business Intelligence, Customer Relationship Management (application, software, database, enterprise): **Direct Mail, Billing, Renewals, Insert Cards, Online Marketing**
- Software System: client-server, thin-client, windows-2k, oracle-8, sql, view, stored proc, visual studio, .net, csharp, object pascal, delphi-5-7
- Principle Science (Form, Function): analysis, design, engineering, administration / agile / 10.person

2002.05 - 2003.02 10mo Senior Software Engineer: Technical Strategy

Chantilly, VA ActiveHealth Management, Inc.

Physicians Clinics, Hospitals

- Business Intelligence, Population Health Management (application, software, database, enterprise): **ActiveHealth CareEngine**
- Software System: client-server, thin-client, windows-2k, oracle-8, sql, view, stored proc, object pascal, delphi-5
- Principle Science (Form, Function): analysis, design, engineering, administration / waterfall / 7.person

2001.03 - 2002.05 1yr 3mo Principal Architect: Application Development

Silver Spring, MD Inte-Great, LLC.

Food and Drug Administration, National Archives, National Highway Traffic Safety Administration, National Institutes of Health

- Business Intelligence, Asset Management (application, software, database, enterprise): **TrakStar Enterprise, TrakStar Scan**
- Software System: client-server, thin-client, mobile, palmos, mainframe, windows-2k, access-2k, sqlserver-2k, oracle-8, sql, view, stored proc, visual studio, vb, object pascal, delphi-5
- Principle Science (Form, Function): analysis, design, engineering, administration / waterfall / 7.person

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BUSINESS PRACTICE

INFORMATION TECHNOLOGY MANAGEMENT

<i>2007 - Present</i>	<i>15.yr</i>	Content Management	interactive media, portal, intranet, website, content management system
<i>1996 - Present</i>	<i>26.yr</i>	Business Intelligence	enterprise, application, database, software, development, engineering, information systems

EXPERTISE

strategy	infrastructure and platform architecture for engineering and development operations, business process and workflow optimization, automation, software architecture for products and services, custom development and third-party integration, data warehousing for business intelligence, document and content management for intranet and website development, migration, version upgrade, patch release, performance optimization, accessibility, section 508, testing, validation, maintenance, full software lifecycle
operations	drush, git, composer, apache, solr, iis, memcache, varnish, chromeos, windows, macintosh, ios, android, linux, centos, debian, ubuntu, aws, azure, google, acquia, pantheon, rackspace, akamai, virtualization, vmware, hyper-v, kubernetes, rancher, docker, puppet, chef, ansible, selenium, sccm, solarwinds, splunk
development	drupal, wordpress, twig, react, express, vue, angular, bootstrap, jquery, .net, node, rails, sqlserver, oracle, mysql, mariadb, hadoop, mongodb, redis, cassandra, couchdb, tableau, salesforce, peoplesoft, sharepoint, delphi
tool	msoffice, confluence, jira, html, css, sass, javascript, php, sql, powershell, python, ruby, java, csharp, asp, vb, visual studio, object pascal

PRODUCTION ROLE

- Solution
Producer :: software, interface, database, framework, platform, tool, service
development, assembly, programming, configuration, deployment, administration ~ software, interface, system, product
- Architecture
Strategist :: information, interaction, software, system
drafting, structuring, organizing, classifying, defining, refining ~ interface, model, language, blueprint
- Consulting
Principal Architect :: analysis, design, engineering, administration
planning, research, exploration, analysis, synthesis, evaluation ~ objective, scope, process, strategy

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BACKGROUND

EDUCATION

<i>1999.09 - 2000.06</i>	<i>1.yr</i>	Computer Science
Baltimore, MD		University of Maryland, Baltimore County
<i>1997.09 - 1999.06</i>	<i>2.yr</i>	Electrical Engineering
Baltimore, MD		Morgan State University
<i>1993.09 - 1997.06</i>	<i>4.yr</i>	Engineering and Architectural Drawing
Baltimore, MD		Baltimore Polytechnic Institute

REFERENCE

Available upon request