DAMIEN HOUSE

ANALYSIS, DESIGN, ENGINEERING, ADMINISTRATION

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

OVERVIEW

- Continuous learner with a background in leading deep dive studies into software development tools and practices to further skillset and knowledge for yearly professional development and certification.

- Builds workshop and training programs for organizational leadership and national conferences, including DrupalCon and Drupal GovCon, with a mission to explore Drupal in tandem with another tool or technology new and unknown to the Drupal community, but widely used elsewhere, aiming to advance knowledge domain.

- Uses career history knowledge to create speed-run training for certification programs that generally shorten completion time in half.

STRATEGIC MANAGEMENT OF BUSINESS PRACTICE

- 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, and 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.

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

PROFESSIONAL EXPERIENCE

2017.05 – 2020.12   3yr 8mo
Washington, DC

Principal Architect: Enterprise Systems

Focused Management, Inc.

United States Department of Agriculture: Office of the Chief Information Officer, Customer Solutions - Infrastructure Operations, Platform Services
- Business Intelligence, Content Management, Server Diagnostics, Automation (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
Arlington, VA

Senior Technical Consultant: Subject Matter Expert

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
Manassas, VA

Senior Interactive Engineer: Technical Strategy

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

2007.12 - 2012.04   4yr 5mo
Washington, DC

Senior Software Engineer: Technical Strategy

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**, **sccommerce.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

PROFESSIONAL EXPERIENCE

2003.02 - 2007.07   4yr 6mo

New York, NY

Senior Software Engineer: Technical Strategy

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, dot-net, csharp, object-pascal, delphi-5-7
- Principle Science (Form, Function): analysis, design, engineering, administration / agile / 10.person

2002.05 - 2003.02   10mo

Chantilly, VA

Senior Software Engineer: Technical Strategy

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

Silver Spring, MD

Principal Architect: Application Development

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

2000.05 - 2001.03   11mo

Silver Spring, MD

Senior Software Engineer: Technical Strategy

Automatic Data Processing, Inc.

National Account Services, **JPMorgan Chase**
- Business Intelligence, Human Resource Management (application, software, database, enterprise): **Software Reuse Environment, Benefits Outsourcing System Solution, Open Enrollment Online**
- Software System: client-server, thin-client, web-browser, windows-95-nt, iis-4, interbase-6, sql, view, stored-proc, visual-studio, asp, vb, javascript, html, css, object-pascal, delphi-4
- Principle Science (Form, Function): analysis, design, engineering, administration / waterfall / 8.person

PRODUCTION

2007 - Present	*14.yr*	**Content Management**	interactive media, portal, website, content management system
1996 - Present	*25.yr*	**Business Intelligence**	application, software, database, enterprise, information management system

EXPERTISE

strategy, planning, management	service oriented architecture (infrastructure, platform, software), accessibility, automation, business process and workflow, custom development and third-party integration, data warehousing for business intelligence, document and content management for intranet and website, data and website migration, performance optimization, section 508, single page application, training and workshop, version upgrade and patch release
infrastructure, operations	virtualization, vmware, hyper-v, kubernetes, rancher, docker, puppet, chef, ansible, selenium, drush, git, composer, chocolatey, brew, ios, razpi, android, chromeos, windows, macintosh, linux, centos, debian, ubuntu, aws, azure, google cloud, acquia cloud, pantheon, rackspace, akamai, sccm, solarwinds, splunk
platform, server, database	drupal, wordpress, craft, gatsby, twig, tableau, salesforce, peoplesoft, sharepoint, memcache, varnish, nginx, apache, solr, iis, node, rails, mssql, oracle, mysql, mariadb, hadoop, mongodb, redis, cassandra, couchdb
library, toolkit, framework	react, next, express, vue, angular, bootstrap, jquery, .net, scrapy, beautifulsoup, tensorflow, pytorch, pyspark, pydot, keras, pandas, numpy, matplotlib, spark-mlib, seaborn
language, development environment	html, css, javascript, sql, powershell, python, php, go, ruby, java, csharp, asp, visual basic, object pascal, delphi, visual studio, jupyter, miro, trello, evernote, confluence, jira, onenote, workspace, lando, ddev

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

EDUCATION

1999.09 - 2000.06	*1.yr*	**Computer Science**
Baltimore, MD		University of Maryland, Baltimore County

1997.09 - 1999.06	*2.yr*	**Electrical Engineering**
Baltimore, MD		Morgan State University

1993.09 - 1997.06	*4.yr*	**Engineering and Architectural Drawing**
Baltimore, MD		Baltimore Polytechnic Institute

REFERENCE

Available upon request