John Day – Full-Stack Developer

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| **Title** | Architect and Developer |
| **Languages** | US English (native) |
| **Email** | [johntday@gmail.com](mailto:johntday@gmail.com) |

John Day is an Architect and Developer with over 20 years of professional experience in the software industry. Dr. Day has led and contributed to many development and maintenance projects. He is a team leader with strong communication skills.

**Technical Experience**

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| **Functional** | Team Leader, Solution Architect, Technical Design and Implementation, Agile Scrum, SAFE, Excellent Communication skills |
| **Technical** | JavaScript, TypeScript, Java, Groovy, Python, SQL, PL-SQL, GraphQL, Spring, REST, Linux, Shell, ORM, ETL, SFTP, JMS |
| **Software Packages** | Kubernetes, Tomcat, Docker, SAP Commerce Cloud (Hybris), SAP ECC, SAP PIPO, Solr, Coveo, Mule, Contentful, Cloudinary, WordPress, BloomReach, Spring, NodeJS, React, Angular |
| **Clouds** | Azure, AWS |
| **Databases** | Oracle, MySQL, SQL Server, MongoDB, PostgreSQL, SQLite |
| **Tools** | Git, Eclipse, IntelliJ, VS Code, Atlassian Suite (Jira, Confluence, Bitbucket), Gradle, Ant, Maven, Dynatrace, Jenkins, ELK (Elastic Search, Logstash, Kibana), Splunk |

**Work Experience**

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| eCommerce Solutions LLC | Jun 2020 - Present | Architect and Developer |
| Capgemini / Lyons CG | Jul 2017 - May 2020 | Architect and Developer |
| Accenture / Razorfish | Jun 2014 - Jun 2017 | Architect and Developer |
| Daugherty Business Solutions | Apr 2013 - Jun 2014 | Architect and Developer |
| IBM Global Services | Aug 1996 - Dec 2012 | Architect and Developer |

**Project Experience**

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| **Industry Type** | US Retailer |
| **Project Description** | Migrate B2C site to SAP Commerce and headless front-end via Angular Composable Storefront (Spartacus) |
| **Role** | Developer |
| **Project Duration** | Jul 2022 to Present |
| **Technical** | SAP Commerce, SAP ECC, SAP PIPO, Kubernetes, Composable Storefront, Angular, Java, Typescript, JavaScript, NodeJS, Python, Google Tag Manager, Pimcore, Spring, SQL Server, Cloudinary, BloomReach, REST, Web Services, ETL, Vertex, Bazaar Voice, Verifi, Azure Cloud, PayPal, MongoDB, Mirakl, Akamai, Microsoft Power BI, MuleSoft, Cron |
| **Tools** | Scrum, Git, Splunk, ELK Stack (Elastic Search, Logstash, Kibana), VSCode, IntelliJ, Confluence, Jira, Dynatrace, Jenkins, Gradle, BitBucket |

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| **Industry Type** | Global Retailer |
| **Project Description** | Create a new D2C commerce site with SAP Commerce and headless front-end via Angular Spartacus. The hosted solution used SAP  Commerce Cloud v2 (CCV2) |
| **Role** | Developer |
| **Project Duration** | Jul 2020 to Jun 2022 |
| **Technical** | SAP Commerce, Java, TypeScript, JavaScript, Groovy, Angular, Google Analytics, Tealium, Kubernetes, CyberSource, Spring, Azure, Solr, REST, USPS, Taxware, SAP ECC, SYNNEX, Bazaar Voice, PaymentTech, Verifi, Redis, Adobe Analytics, ETL, Live Chat, SalesForce Service Cloud, Azure, AWS, AEM, OUTH2, Pimcore, PayPal, SAML, Akamai, PriceSpider, Registria, Cron |
| **Tools** | Scrum, Git, ELK Stack (Elastic Search, Logstash, Kibana), Eclipse, VSCode, Jira, Confluence, Dynatrace, Jenkins, Grafana |

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| **Industry Type** | Internal Capgemini Project |
| **Project Description** | Migrate and enhance Capgemini SAP Commerce assets. The  purpose of this project is to (1) upgrade assets to the latest version; (2) create additional features via Angular Spartacus |
| **Role** | Developer |
| **Project Duration** | Mar 2020 to Jul 2020 |
| **Technical** | SAP Commerce, Java, TypeScript, JavaScript, Angular, Google Analytics, Google Tag Manager, CyberSource, Groovy, Spring, MySQL, Oracle, Solr, REST, ETL, Cron, AWS |
| **Tools** | Scrum, Git, ELK Stack (Elastic Search, Logstash, Kibana), Eclipse, VSCode, Jira, Confluence, Dynatrace, Jenkins, Grafana, VMWare |

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| **Industry Type** | Automotive Supplier |
| **Project Description** | Create a new B2B Portal leveraging the current SAP Commerce and React functionality of the B2C site. Checkout and pricing were  changed to be consistent with the B2B experience for the portal |
| **Role** | Developer |
| **Project Duration** | Oct 2019 to Feb 2020 |
| **Technical** | SAP Commerce, Java, TypeScript, JavaScript, Groovy, React, Google Analytics, Tealium, PaymentTech, Oracle, AEM, Spring, AWS, Solr, REST, SAP ECC, ETL, AWS, PayPal, Akamai, Cron |
| **Tools** | Scrum, Git, ELK Stack (Elastic Search, Logstash, Kibana), Eclipse, VSCode, Jira, Confluence, Dynatrace, Jenkins, Grafana, Splunk, VMWare |

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| **Industry Type** | Sports Retailer |
| **Project Description** | Using a common framework and a set of services, created 3  branded B2C sites and 1 B2B site. Each site theme for the 4 sites was different. A set of common service was used by all 4 sites, and a B2B set services were created for B2B features |
| **Role** | Developer |
| **Project Duration** | Feb 2018 to Feb 2019 |
| **Technical** | SAP Commerce, Java, TypeScript, JavaScript, Groovy, Google Analytics, Spring, Oracle, AWS, Solr, REST, SAP ECC, Paymetric, ETL, Cron, Web Service/SOAP, JMS |
| **Tools** | Scrum, Git, Eclipse, VSCode, Jira, Confluence, Dynatrace, Jenkins, Grafana, Splunk |

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| **Industry Type** | Online Ticket Reseller |
| **Project Description** | Created a B2C site for online ticket sales. Special requirements  included: (1) very responsive page loads; (2) enhanced search using Solr; and (3) REST for all integration. Time-to-market speed was very important |
| **Role** | Developer |
| **Project Duration** | Jul 2017 to Mar 2018 |
| **Technical** | SAP Commerce, Java, Google Analytics, Tealium, JavaScript, Spring, Oracle, SAP ECC, Solr, REST, IBM MQ, Cron |
| **Tools** | Scrum, Git, Eclipse, Jira, Confluence, Dynatrace, Jenkins, Grafana, Splunk |

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| **Industry Type** | Automotive Supplier |
| **Project Description** | The purpose of this project was to create a new B2B site using SAP Commerce (Hybris). One of the business goals was to increase web revenue from 40% of total revenue |
| **Role** | Developer |
| **Project Duration** | Jan 2017 to Feb 2018 |
| **Technical** | SAP Commerce, Java, Google Analytics, JavaScript, Spring, Oracle, SAP ECC, Solr, REST, WebMethods |
| **Tools** | Scrum, Git, Eclipse, Jira, Confluence, Dynatrace, Jenkins, Grafana, Splunk, Splunk |

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| **Industry Type** | Multinational Information Technology Company |
| **Project Description** | The purpose of this project was to redesign two existing B2B sites into using Hybris |
| **Role** | Developer |
| **Project Duration** | Jul 2015 to Nov 2016 |

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| **Industry Type** | Jewelry Retailer |
| **Project Description** | The purpose of this project was to redesign 5 existing sites and re- platform from WebSphere Commerce to SAP Hybris. Mr. Day was the Technical Architect responsible for: (1) physical environments; (2)  physical architecture; and (3) build and deployment. After which, he transitioned to role of Integration Architect and was responsible for batch feeds and REST integration |
| **Role** | Developer |
| **Project Duration** | Sep 2015 to Jun 2016 |

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| **Industry Type** | Pharmaceutical |
| **Project Description** | The purpose of this project was to create a new B2B portal using SAP Hybris. The client had a complex customer structure and  complex regulatory business rules |
| **Role** | Developer |
| **Project Duration** | Jan 2015 to Sep 2015 |

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| **Industry Type** | Aerospace |
| **Project Description** | The purpose of this project was to create a new B2B portal using SAP Hybris |
| **Role** | Developer |
| **Project Duration** | May 2014 to Jan 2015 |

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| **Industry Type** | Clothing Retailer |
| **Project Description** | The purpose of this project was to redesign 4 branded retail sites. A major component of this redesign was to replace existing legacy back-office functions with package offerings. Some of the solution components included Akamai for content management, Mule for enterprise integration, Informatica for transformation and ETL, Solr as the search engine, LDAP for internal user identity management  and SSO, Oracle and DB2 databases. Mr. Day was responsible for the (1) application integration; (2) logical and physical data model; and ETL mapping |
| **Role** | Developer |
| **Project Duration** | Apr 2013 to Jun 2015 |

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| **Industry Type** | Credit Card Processing Vendor |
| **Project Description** | The purpose of this project was to: (1) migrate existing data stores to a data warehouse and improve system integration and reporting; (2) migrate all global B2C and B2B sites onto a new eCommerce  platform using Java, Spring, REST, JSON, JPA, Hibernate, and open standards on Tomcat; (3) create mobile sites. The operational and data warehouse databases are both using MongoDB as the database platform, Pentaho as the ETL platform, and Cognos as the reporting platform |
| **Role** | Developer |
| **Project Duration** | May 2012 to Mar 2013 |

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| **Industry Type** | Manufacturer of Computer Memory |
| **Project Description** | The purpose of this project was to: (1) migrate existing global B2C and B2B sites to use Java and open standards on Tomcat. A major component of the redesign was to replace the existing .Net and  homegrown infrastructure, with Web Services and open-standards. The redesign focused on the US, Italy, France, and UK. Mr. Day was responsible for: (1) logical and physical data model; (2) data  migration; (3) integration; and (3) ETL processes. Integration  included the following systems: Interwoven, Siebel, SAP ECC, 3rd Party via REST and Web Services |
| **Role** | Developer |
| **Project Duration** | May 2011 to Apr 2012 |

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| **Industry Type** | Outdoor Power Equipment Manufacturer and Retailer |
| **Project Description** | The purpose of this project was to create a blueprint for the redesign of the company's global web site. A major component of this redesign was to replace the existing Dealer Portal with an implementation of WebSphere Commerce 7.0.0.2. Along with the replacement of the B2B Dealer portal, a new Employee Portal (B2E) was designed to allow employees and family to purchase projects at a discount. The first phase of the redesign focused on the US and Poland. Some of major solution components included a separate client for dealers to order and have campaigns/promotions while  offline in the field; ESB integration: Lotus Web Content Management (WCM) for global content management and web publishing; ILOG to manage and implement a complex set of pricing rules which are integrated with Commerce; Solr as the search engine for indexed content; Tivoli LDAP for user identity management, and WebSphere Message Broker for the ESB. Mr. Day was responsible for the (1) application integration; and (2) logical and physical data model; and  (2) data migration. Integration included the following systems: SAP, Cardinal Commerce, PayPal, PowerReviews. |
| **Role** | Developer |
| **Project Duration** | Jan 2010 to Apr 2011 |

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| **Industry Type** | Telecommunications Company |
| **Project Description** | Migrate the existing eCommerce web sites for B2C and B2B to WebSphere Commerce platform. This includes a migration of their existing product catalog database. Mr. Day was responsible for managing the Commerce database, and migrating the client data  sources from SQL-Server and Oracle into Commerce. This includes developing a detailed migration plan, leading its implementation, and working with the software development team to build and deploy database versions consistent with software deployment versions in test environments. |
| **Role** | Developer |
| **Project Duration** | May 2009 to Jan 2010 |

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| Industry Type | Telecommunications Company |
| **Project Description** | Mr. Day was the lead application architect for a partner portal and  premium services platform. The core solution supported the search, discovery and purchase of premium content on wireless and wired  devices. The project implemented the WebSphere family of products to create an integrated solution while leveraging existing legacy applications including Billing, Digital Rights Management, Content  Management, Partner Management and Download Manager while integrating with the existing EAl Layer. The Team consists of 4 main Development Streams and was a complex integration effort. Mr. Day was the team lead for the service architecture, which included data architecture, transaction management, content management, and data aggregation. Each service call was required to be less than two seconds. The solution supports 200,000 concurrent users browsing content at 700 transactions per second (TPS) and purchasing at 70 TPS. The company is projected to generate about $1 billion in  revenue per year from this solution. |
| **Role** | Developer |
| **Project Duration** | Feb 2006 to Apr 2009 |

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| **Industry Type** | Healthcare Insurance Provider |
| **Project Description** | Create a new self-care portal for the client's insurance customers using WebSphere Portal Detailed micro design specifications were created from the gathered business requirements, before any work by the developers was done.  This was a very large project split into two major teams: portal team and business/application services team. Mr. Day was responsible to the design and implementation of the business/application services used by portal. |
| **Role** | Developer |
| **Project Duration** | Jun 2003 to Feb 2006 |

**Higher Education**

* Purdue University, Physics Ph.D.

**Certifications**

* Certified SAP Commerce Cloud Developer
* Previous AWS Certified Developer Associate