

Nicholas Beach

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Professional Summary

Over 3 years experience in full stack web development. Thorough knowledge of HTML, CSS, and JavaScript, and excellent UI/UX design skills. Good understanding of AngularJS and RESTful services. Experience with Adobe Creative Suite. Expert in PHP. Good knowledge of Java/Spring. Skilled with SQL and database schema design and familiar with MySQL, SQL Server, and Oracle. Focus on end to end testing. Familiar with git and SVN version control. Experience with Linux server setup/configuration (Apache, Tomcat, MySQL, etc).

Employment

Everest Technologies *Software Developer*

08/2012 – Present

Worked as part of Everest's in-house project development team on web projects from a wide variety of clients and with a diverse array of technologies. Select projects listed below.

Online Ordering Tool *Bravo Brio Restaurant Group*

Designed and developed a tool for BBRG to integrate with their existing online ordering system for Brio and Bravo restaurants, and provide an interface for administrative staff to manage customer online ordering accounts and generate reports on customer ordering activity.

- Worked with client to define requirements
- Mocked up and created interfaces in HTML5/CSS3/Bootstrap 3
- Created thick front end in AngularJS
- Wrote front end tests using Jasmine
- Created Java/Spring based RESTful API that integrated with SQL Server for persistence
- Wrote back end unit tests using JUnit and Mockito

Java, Spring, SQL Server, HTML5, CSS3, AngularJS, jQuery UI, Bootstrap 3, git, Jasmine, JUnit, Mockito, Maven

Employee Portal *Everest Technologies*

Designed and developed the Everest employee portal application. The application provides users with news and announcements, allows them to manage their time sheets, attach files to time sheets, and update their personal information.

- Designed and wire framed fully responsive UI in Balsamiq
- Implemented the interfaces using HTML5/CSS3, Bootstrap, and jQueryUI
- Developed modular thick front end in JavaScript/jQuery
- Used Photoshop to create site graphics
- Ensured full IE7+ compatibility
- Developed RESTful API backend in object oriented PHP and utilizing an ORM, and MySQL for persistence.

HTML5, CSS3, JavaScript, jQuery, jQuery UI, Bootstrap, PHP, MySQL, REST, Balsamiq, git, Photoshop

Online Ordering System Maintenance and Enhancements *Bravo Brio Restaurant Group*

Provided ongoing maintenance, support, and enhancements for Bravo Brio Restaurant Group's online ordering system. The system was previously developed by a third party using Java, Spring, Apache Velocity and SQL Server. The system integrates with Micros POS systems.

- Provided support and bug fixes for Java online application and T-SQL stored procedures

- Took part in developing mobile templates for online ordering using jQuery and iUI
- Carried out database maintenance

Java, Spring, Apache Velocity, SQL Server, T-SQL, jQuery, iUI, Ant, git

Administrative Portal

Everest Technologies

Took part in enhancements to the Everest Administrative Portal. The portal encompasses numerous administrative tasks including payroll, invoicing, and reporting.

- Refreshed existing UI styles and added functionality by implementing Google Charts, jQuery UI components, and jQuery Tablesorter
- Implemented numerous new features and reports
- Used Photoshop to create site graphics
- Designed a lightweight ORM that could be seamlessly integrated without old functional code
- Improved application security by adding robust SQL injection protection, and improved password hashing
- Wrote complex SQL queries for payroll, invoicing, and financial reports
- Re-factored MySQL schema to improve data integrity and speed by adding foreign keys, indexes, and modifying table structure
- Design and implemented additions to MySQL schema to allow for new functionality

HTML, CSS, JavaScript, Google Charts, jQuery, jQuery UI, PHP, MySQL, git

Enrollment Tracking System

Ohio Board of Regents

Developed new Adult Workforce Education Enrollment Tracking and Reporting System for the Ohio Board of Regents in Oracle APEX and Oracle 11g.

- Migrated data from existing SQL Server schema to Oracle
- Refactored schema to meet new requirements
- Developed PL/SQL stored procedures to support APEX application functionality
- Migrated existing Crystal reports to APEX
- Wrote SQL queries for new reports
- Performance tuned queries
- Implemented APEX data entry and report pages
- Developed user management and security
- Created versions PDF reports utilizing PL/PDF

Oracle, PL/SQL, PL/PDF, Oracle APEX, SVN

Corporate Intranet CMS'

Ascena Retail Group

Developed new corporate intranet sites for Ascena Retail Group and their Justice and Dressbarn brands.

- Worked with stakeholders to define requirements
- Implemented Photoshop and InDesign UI mockups in HTML/CSS
- Used Photoshop to create site graphics
- Created custom WordPress themes, templates, and plugins
- Migrated existing CMS data

WordPress, jQuery, Photoshop, Illustrator, InDesign, SVN

Load Testing

Multiple Clients

Created load test plans. Created load generation scripts in Neoload for websites, JMS based systems, and SOAP web services. Setup server monitoring. Ran load tests. Summarized test results, and recommendations on how application performance could be improved. Trained personnel on client site in load testing techniques and software.

Neoload

Production tracking system

Ferragon Metals Corporation

Took part in the creation of a production tracking system for Ferragon Metals Corporation. The system allows entry of production for comparison against imported payroll data.

- Worked with client to understand and implement existing Excel reports into the application
- Created interface mockups
- Developed object oriented PHP backend
- Implemented interfaces utilizing Blueprint CSS framework
- Created MySQL schema to accurately model business data
- Wrote SQL queries
- Utilized AJAX to create highly dynamic interfaces

PHP, MySQL, jQuery, jQueryUI, Blueprint, SVN

Freelance

06/2011 – 08/2012

Software Developer

- Developed a time clock and tracking application in C# that integrated with QuickBooks accounting software for a client. Used Inuit's QBFC APIs to automatically write time tracking information to QuickBooks.
- Developed a Etsy group participation tracking web application for a client using a PHP/MySQL app to consume Etsy's RESTful services
- Implemented Drupal based CMS sites with custom themes for clients

Other Experience

Spending Reporting System

Personal Project

Currently working on a spending reporting system that will import bank transaction CSV files and receipts. The application will use the imported data to provide reporting on spending habits. Presently implemented functionality includes Java/Spring based CSV importation and REST API, as well as a base AngularJS/Bootstrap application with dynamic navigation, and a custom Angular data table directive. The front end project uses Grunt to manage building/minification, and Bower for dependency management.

Java, Spring, JDBC, MySQL, HTML5, CSS3, LESS, AngularJS, Bootstrap 3, jQueryUI, Grunt, Bower, Jasmine, JUnit, Maven

Education

Bowling Green State University, Bowling Green, Ohio
BA, Computer Science, 2011