

Helly Patel

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SUMMARY

- 3 to 4 years of extensive experience as a Web/Database Developer in developing, testing, improving and maintaining new and existing databases driven web applications.
- Strong web development skills using HTML/HTML5, CSS/CSS3, JAVASCRIPT, BOOTSTRAP, AngularJS, XML, which meets W3C Web Standards.
- Familiar experience with Java, AJAX, JSON and JQuery.
- Experienced in various IDEs like Eclipse, Notepad++, Adobe Dreamweaver, Photoshop, Microsoft SQL Server, Microsoft Visual Studio.
- Experience in Agile Methodology and Scrum Software Development Processes.
- Hands on experience with SQL with writing and modifying Procedure, Queries, Views and Triggers.
- Experience with the Content Management System like Drupal and WordPress.
- Involved in unit testing and integration testing of each module.
- Excellent interpersonal abilities, communication skills, time management and team skills with an intention to work hard to attain project deadlines under stressful environments.

TECHNICAL SKILLS

Languages:	C, C++, C#, Java, ASP.Net, HTML/HTML5, XML, SQL
Technologies:	JavaScript, CSS/CSS3, Drupal(CMS), MVC, JQuery, AJAX
Operating System:	IOS, Android, Windows, Linux
Microsoft Tools:	Word, Excel, PowerPoint, Access, Outlook, Publisher, Microsoft SQL Server
Other:	AngularJS, Bootstrap, SQL Server 2008/2012, Oracle 11g, Photoshop, Eclipse, Visual Studio, Dreamweaver, Fireworks, GitHub, MySQL, Hadoop, MongoDB, SSIS, SSAS, WordPress

PROFESSIONAL EXPERIENCE

Web Design & Research Specialist | Cleveland State University

(Dec 2015 – May 2017)

- Using HTML/CSS, JSP, JQuery, Drupal, Adobe Fireworks, JavaScript, Dreamweaver, Photoshop and Microsoft Office for creating dynamic webpages of Levin College of Urban Affairs.
- Developing multiple web pages and event fliers for Northern Ohio Data & Information Service(NODIS) using the HTML, CSS and JavaScript.
- Updating weekly college news, faculty blogs, added event posts and created forms on college website using Adobe Dreamweaver and Photoshop.
- Developed live site for Nonprofit Academic Centers Council (NACC) using Squarespace platform.
- Working on the Live Project for NACC (Nonprofit Academic Centers Council) and OMA (Ohio Manufacturer's Association) and handling the record of Clients in Database.
- Organizing various ArcGIS workshop and events for the Levin College of Urban Affairs.

Software Developer (Intern) | Tata Consultancy Services

(Dec 2014 – May 2015)

- Using Spring, Hibernate, SQL, HTML, CSS, JavaScript, AngularJS, Java and MVC developed government projects.
- Developed the live project for the IWDMS.
- Integrated Workflow for Document Management System which provides the services for the Document Management, File Management and Workflow Management.
- Designed many of the Module Screens for the E-office and Payroll by using the handler and services in Spring and Hibernate framework with Java.
- Developed the Document Management System live for tracking, managing, storing and versioning automated documents for the Payroll, HRMS, e-office parts of the system.
- Worked on the Front End for the layout using the Web Design and for Backend using the Database Service & MVC.

Database/Web Developer (Intern) | SMG InfoTech Solutions **(May 2013 – Dec 2014)**

- Added new feature to the existing web application with the help of HTML, Microsoft SQL Server ASP.net/C#, CSS, AJAX, JQuery, Photoshop, Bootstrap and JavaScript and have provided data management to users.
- Worked on the data transfer feature for database to engines for that project using the database.
- Designing and coding database table to store application's data by creating Queries, Triggers, Table Indexes, Views and Stored Procedures.
- Using the UI Interface and the web application elements designed the websites.
- Tested new feature to the existing web-based system and identified any performance and quality issues.
- Reviewed product specification and developed test plans and test case documents.
- Coordinated with software developer team to discuss and prepare summary reports.

EDUCATION

Cleveland State University, Cleveland, OH - GPA 3.58 **(May 2015 – May 2017)**

Master's Degree Computer & Information Science

U. V. Patel College of Engineering, Mehsana, Gujarat – GPA 4.00 **(August 2011 – May 2015)**

B. Tech Computer Engineering

PROJECTS

Regression Analysis using IBM SPSS **(Feb 2017 – May 2017)**

- Created the new dataset for performing the non-linear regression analysis using the defect rate.
- Calculated the parameter estimates using the upper bound, lower bound and standard errors.
- Analyzed the actual defect rate and the predicted defect rate by plotting it.

SQL Query Analyzer & Optimizer **(Feb 2016 – May 2016)**

- Using Java, SQL, join methods evaluated query processing cost and optimization of the rewritten query.
- Performed minimum cost for query evaluation, query performance, optimization backup facility, logging the query and calculated the Disk I/O cost using different join methods for possible query evaluation plan.
- Generated query reports and performing various query performance based on graph generation and bar charts results from query analysis.

Twitter Data Transformation using Hadoop, MongoDB and R-Tool **(Aug 2015 – Dec 2015)**

- Using R-tool, No SQL System- MongoDB, Hadoop & Linux worked with real time tweets using API key and Access tokens and performed various data mining queries with each tweet field.
- Performed graphs and charts on the live hashtags of tweets for analyzing some results.

Text Mining using SQL Server Integration Service (SSIS) & MS Analysis service(SSAS) **(Aug 2015 – Dec 2015)**

- Using SSIS and SSAS performed the Term Lookup and Term Extraction by integration of data from multiple sources and then performed various Data Mining Algorithms on it.
- Used mining data models for mapping the transformed data based on original data.
- Performed the Text Mining from the text documents using the MS SQL Server Tool and Visual Studio.

Data Mining Model using BI Tool, Data Warehouse and OLAP Cubes **(Aug 2015 – Dec 2015)**

- Building multidimensional data models using OLAP database for querying and reporting.
- Designed cubes from the extracted data based on the star schema staging layer and performed the data mining for hidden patterns and information using DMX and MDX queries.