
SUMMARY

One plus year of professional work experience in web services and software application development, planning and designing, client-server architecture and database designing. **Currently looking for fulltime opportunity starting January 2017**

EDUCATION

The University of Texas at Dallas – TX, USA

Expected Dec. 2016

- Master of Science in Computer Science with Data Science Concentration

GPA: 3.76 / 4**Charusat University** – GJ, INDIA

May 2014

- Bachelor of Engineering in Information Technology, **Academic Achiever Award**

GPA: 8.69 / 10

WORK EXPERIENCE

Software Engineer Intern - Flextronics, Dallas, TX

Sep. 2016 – Present

- Designed and implemented scripts to automate build and deployment to various testing and production environment using **GIT, Bitbucket, SourceTree, Jenkins, Confluence, Jira, Crucible**
- Performed user interface software development in **Java/C++** on embedded platform

Web Services Developer Intern - MathWorks, Natick, MA

May 2016 – Aug. 2016

- Created a standalone RESTful web service (Event Report System) to support company decision making for marketing and sales, based on data collected from the field using **NodeJS, AngularJS, JavaScript, Bootstrap, AJAX, HTML, CSS**

Web Services Developer Intern - MathWorks, Natick, MA

Aug. 2015 – Dec. 2015

- Developed responsive RESTful web service (Prospecting Dashboard) used by **3K+** employees for sales territory planning and prospecting efforts with current design trends and enhanced look using **PHP, JavaScript, jQuery, AJAX, HTML, CSS**
- Created a zoom able tree map based on customer data from the **DataTables** using **D3.js**
- Developed location based search using **Google Maps API**

Web Developer Intern - Vertical Nerve, Dallas, TX

May 2015 – Aug. 2015

- Developed web applications appropriate to clients' requirements using **Drupal 7 CMS, PHP, JavaScript, HTML, CSS, AJAX**
 - Interacted with **Optimizely** and **Browserstack** on technical design, development and issues
 - Worked in a **Linux** environment to diagnose issues and deploy websites from stage to live servers
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TECHNICAL SKILLS

- **Languages:** Object Oriented JavaScript, PHP5, Java, JSP, Python, C, R
 - **Web Technologies:** HTML5, CSS3, JavaScript, AngularJS, ReactJS, Babel, NodeJS, ExpressJS, jQuery, AJAX, Sass, Less, JSON, Bootstrap, Foundation, Firebase Platform, Google Visualization API, REST API
 - **Content Management System:** Drupal7, WordPress
 - **Database & Systems:** MongoDB, Oracle 10g, MS SQL Server, MySQL, MS Access
 - **Tools & IDE:** WebStorm, IntelliJ, NetBeans, Eclipse, WAMP, Visual Studio, Git, Browserstack, IIS
 - **Big Data Technologies:** HADOOP - MapReduce, HDFS, Spark, Scala, Pig, Cassandra
 - **Virtual Reality Technologies:** Autodesk Maya, Unity
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PROJECTS

Library Management System

- Developed a Library Management web application using **NodeJS, ExpressJS, MongoDB, EJS, CSS, Bootstrap, gulp.js, Passport.js, JSHint** and **Goodreads API**

Real Time Web Chat

- Developed and designed real time chat using **NodeJS, Socket.io, ExpressJS, MongoDB**

Search Engine for Restaurants

- Crawled 1 lakh documents using **Crawler4j** to build indexes for search engine, retrieved documents based on **PageRank** and **HITS** algorithm and enhanced the results using **clustering** and **query expansion** algorithms
- Developed the user interface to display the results against of Google and Bing search results using search API's

E-Bidding System

- Web-based application for an online auction of the products using **MVC** architecture in **Python's Django Framework**.
- Implemented features such as database replication, Client/Server encryption using **SSL/TLS, GZip** compression, authentication, distributed caching, single sign-on, auto-bid and also deployed web services

Toxic Release Comparison

- Designed graphical representation for **RDF** datasets from Data.gov website using **SPARQL** queries indicating the toxic release for the USA between the years 2005 & 2006 – Technology used **HTML, CSS, JavaScript, Google Visualizations API**

Friend Recommendation System

- Developed a friend recommendation system using **SPARK in SCALA** and **Hadoop - Map Reduce in JAVA**

Energy Efficient Communication System

- Developed an energy efficient data aggregation method of the requested query message in the wireless sensor networks with a reduction in energy consumption during data transfer by 20% using **JAVA** and **UNIX** environment