

Summary

- Experience in web application development using JavaScript, NodeJS and ReactJS
 - Proficient in Object Oriented Language – Java and Database – MySQL and MongoDB
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Education**Masters in Software Engineering: San Jose State University****August 2017 - Present****Courses:** Enterprise Distributed Systems, Software System Engineering, Enterprise Software Platforms**BE in Computer Science: M.S. University of Baroda****GPA: 3.99 (Gold Medalist)****August 2011 – May 2015****Courses:** Design and Analysis of Algorithms, Data Structures, GUI & JAVA, DBMS, Network Security, .net(c#), Client Server Architecture, Project Management.**Technical Skills****Technologies:** Java, React JS, Node JS, HTML5, C#, C, C++, Python, COBOL, JCL, REXX, JUnit, Mocha, REST API**Databases:** Oracle 10g (PL\SQL), MySQL, IBM DB2, Mongo DB**Packages/Frameworks:** WordPress, DOT.NET, Apache Tomcat, KEIL, greenfoot, Apache Kafka**Tools:** Eclipse, WebStorm, Git, Astah, BlueJ, MS Office

Professional Experience**Software Engineer – Infosys (Pune, India)****August 2015 – June 2017****Responsibilities:**

- Redesigned and implemented existing EEM report generation application that improved productivity and reduced turnaround time for this process. This included batch jobs and Java based Web process within EEM application.
- Automated manual job setup activity for new customers using REXX, Macros and JCL
- Enhanced EEM website to fetch data according to client requirements using Java
- Code Analysis to resolve client queries and improve system performance
- Successfully handled pre and post production release of assigned projects
- Mentored newly joined team members and conducted Knowledge Transfer sessions

Project: Enrollment Enhancement- Created new member enrollment splitting process using Java, Spring and Hibernate that handles random data received from various customers which reduces effort for new field enhancement project.**Project: Y2K-** Designed and developed a major enhancement in entire EEM application for date changes and also written unit tests for test whole application.**Web Developer at Prerna (MSU, Baroda, India)****May 2012 – August 2014**

- Worked as web developer intern at non-profit organization 'Prerna'. Designed and developed annual event website using Wordpress, HTML, CSS, jQuery, Adobe Photoshop, Adobe After effects and Adobe Dreamweaver
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Academic Projects**DropBox Simulation****Fall 2017**

- Designed and developed a copy of dropbox application. Used Passport JS for security measurements and Kafka as middleware to make system scalable. Used MongoDB and MySQL for storing appropriate data and developed connection pooling algorithm.

NodeJS | ReactJS | MongoDB | MySQL | Express Framework | React Bootstrap | PassportJS | Apache Kafka | SpringBoot**Kayak Prototype****Fall 2017**

- Developed 3-tier web application similar to Kayak using REST API. Tested the application for scalability and performance using JMeter. Used Mocha.js for asynchronous automated testing. Used chart JS to implement sales & web traffic graphical report generation. Improved the scalability and performance using Apache Kafka for message queuing and REDIS for data caching. Implemented Dynamic Pricing algorithm based on demand and availability.

MERN Stack | MySQL | React Bootstrap | chart JS | D3 JS | PassportJS | Apache Kafka**Crazy Snake Multiplayer Game****Fall 2017**

- Implemented multiplayer game using different design patterns like chain of responsibility, State and Observer. Completed development using Extreme programming agile methodology.

Java | Design Patterns | Agile methodology**Cashbox– Online Banking System****Spring 2015**

- Defined a simulation that enables users to access their financial activities and check the activity log for preserving security.

Java | JQuery | CSS | JSON | Networking Concepts | Oracle 10g**Student's site – An Online Communication Portal (Web Application)****Fall 2014**

- Developed a communication portal for students and faculty members of university which has functionalities like announcement, material upload and download, discussion dashboard, feedback etc.

C# | ASP.NET | Javascript | Crystal Reports | MS SQL