EKTA CHAVAN
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OBJECTIVE

Seeking to work as a full-time Web Developer with a company that shares my passion for clean coding techniques with re-usable and scalable Web Components.

EDUCATION

Northeastern University, *Boston, MA*   *May 2017*
Master of Science in Information Systems
Coursework- Web Development Tools and Methods, Advanced Bid Data Management Systems, Data Warehousing and Business Intelligence, Application Engineering & Development, Database Design and Management, Advanced Data Science

Mumbai University, *Mumbai, India*   *June 2015*
Bachelor of Engineering in Computer Science

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C/C++, PL/SQL, PHP, MATLAB, R
Web Technologies: Node.js, React, Redux, Express.js, Spring Security, JDBC, Spring Criteria, Hibernate, D3.js, Bootstrap, React-Bootstrap, WebPack, HTML5, CSS3, XML, JSON
Web Frameworks/ Architectures: MVC, Spring Data JPA, Flux Architecture
Databases: Microsoft SQL Server, Oracle 11g, MySQL, PostgreSQL
Tools: Oracle PL/SQL Developer, MySQL Workbench, Tableau, Qlik Sense, Toad Data Modeler, Talend Big Data Tool, SSIS
Big Data/Cloud Technologies: AWS EC2, Hadoop framework, HDFS, MapReduce, Pig, MongoDB

EXPERIENCE

Xactly Corp, *San Jose, CA*   *May 2016-September 2016*
Web Development Intern
- Built an enterprise level single page visualization dashboard using React.js and Node.js for the Operations and Support team to be used as a workflow-control tool throughout the company
- Completely automated their end-to-end customer calculations using Flux Architecture which produces responsive drilled down D3 status reports for each business process running at that very moment
- Solved integrated calculation issues in Xactly Incent EnterpriseTM on Oracle platform using SQL programming which helped achieve scalability and runtime efficiency for internal sales calculations

FTAcadmy.in *(Financial Training Company)*, *Mumbai, India*   *March 2014-June 2014*
Full Stack Application Development Intern
- Spiked the company's customer-based revenue by up to 13.2% between May 2014-June 2014 by developing the website gradopedia.com single-handedly for FTA and was chiefly responsible for managing backend(dynamic) data using SQL/PL SQL while working on Apache Server, User Interface using HTML, CSS, JavaScript and AJAX

PROJECTS

That's My TABLE! *(Online Restaurant Table booking Application), Boston, MA*   *January 2016-April 2016*
- Built a B2C responsive Spring MVC Web Application for an online restaurant table booking system which helps customers check a restaurant's table availability at any location and make a booking on the go
- Developed a secure multi-user login platform for Restaurant admins to update their table availability status and customers to access this availability by using a MySQL database and HQL for data persistence that resulted in a successful business to consumer interaction platform

Big Data-Global Warming Analysis System, *Boston, MA*   *September 2016-December 2016*
- Built a big data analysis system that uses a daily global land temperature big-dataset to detect and visualize regions around the globe that are most affected by erratic climate change patterns over the past 5 decades
- Derived drilled down Global Warming analysis at Country, State and City levels with a runtime efficiency of 37s-40s using Hadoop distributed system and MapReduce design patterns for parallel computation
- Implemented concise visualization using D3.js and Power BI which helped to inspect and zoom in on areas at highest risk

Smart Egg Donor Recommendation System using IoT devices, *Boston, MA*   *September 2015-December 2015*
- Designed an IoT based optimum egg-donor-recipient match recommendation system by extracting hormonal information from basal body temperature tracking IoT devices on a Java NetBeans platform that enables donors and recipients under one healthcare provider to synchronize their daily IoT device records to one central repository
- Successfully implemented a swing application interface in Java which calculates the best matches from the repository and recommends these results to the healthcare provider, thus resolving the current exhaustive and hazardous donor-recipient matching system