CHINMAY RANE

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EDUCATION

Bachelor of Engineering - Information Technology   *July 2008 – June 2012*
Thadomal Shahani Engineering College, University of Mumbai, Mumbai, India.   *Aggregate: 66.52%*

Higher Secondary Certificate   *June 2006 – June 2008*
Ramnivas Ruia Junior College, Mumbai, Maharashtra State board   *Aggregate: 90.2%*

EXPERIENCE

Accenture Services Pvt. Ltd – Bangalore/ Pune/ Mumbai   *July2012 – July 2014*
Software Engineering Analyst, Pre Sales Strategist

- Spearheaded front end platform engineering in *Accenture - Rich Internet Applications* (RIA) *Labs*.
- Consulted as a Javascript Expert, Techno-Functional Architect, trainer for HTML5, Node.JS projects, V8, Angular.JS.
- Developed the Math based real time motion tracking model and highly efficient 3D platform accelerators with some niche performance benchmarks for an Augmented Reality Application using Javascript APIs, Java and Android SDK.
- Teamed and conducted thorough request for proposals, requirement analysis, devised, optimized Pre-sales estimates in hybrid and agile methodology projects, for pitching to clients, garnering business for Accenture- India.
- Represented Accenture –India in conferences – Bangalore JS, Great Indian/Mobile Developer Summit, talking about the future of Javascript in Math, Augmented reality to packed audiences across several destinations.

PROJECTS/CLIENTS

Barclays Capital – UK, Pune   *May 2013 – August 2013*
Front End Platform Engineer

- Developed a JS framework for Financial dashboard highlighting business profit metrics as per industries in an interactive way using "R" Charts, HTML5 and efficient Javascript Scanning.
- Performance enhanced Node.JS- Javascript on the serverside for efficiently scanning the business parameters.
- Implemented a NoSQL database –Mongo DB for a financial application understanding the Aggregation Pipeline and Map-Reduce technologies for enhancing the real time application tick performance.

National Australia Bank – Australia, Bangalore   *January 2013 – April 2013*
Front End Platform Lead

- Worked on the Financial Exports Report generating web application using Node.JS and AngularJS Javascript.
- Improved the search functionality using complex Clustering and sorting algorithms in Javascript.
- Researched on feasibility options for implementing Big Data techniques using Hadoop in stringent timelines.

Argos – Retail – UK, Pune   *January 2014 – April 2014*
Online Payments Platform Engineer

- Led the Frontend Payments and Product Checkout team for UK's largest Retail giant using Javascript, and implementing the complete Checkout and payment mechanism in Agile Methodology using responsive design.
- Developed solutions learning the country specific online transaction laws, financial policy frameworks and the hub and spoke distribution model.
- Integrated Math based Security algorithms to route payments through a secure channel to the third party.

Citi Bank - US, Bangalore   *September 2013 – December 2013*
Accessibility Expert

- Underwent an Accenture Banking and Financial Services training to gain functional domain knowledge.
- Consulted as an accessibility expert for a critical Citi bank application- so as to enable visually/auditory impaired people to use the application effectively creating WAI-ARIA, JSF and HTML5 Solutions.

Apple – US, Bangalore   *August 2012 – October 2012*
Frontend Platform Engineer
- Developed the front end platform for Apple Interactive Diagnostic Aid Web Application using modern web practices like HTML5, Bootstrap, Responsive design Web Sockets, jQuery across mobile, tablets and desktop browsers.
- Comprehensive understanding of Technology Architecture and underlying Technologies like Mongo DB, Java APIs and Javascript framework.

Ashoka – NGO – US, Financial Survey Stats Bangalore   *November 2012 –February 2013*
Techno-Functional Architect, Platform Engineer
- Consulted as a Technology Architect for conducting feasibility study of Javascript full stack Angular JS, NodeJS, MongoDB, presales estimates, scaling mechanisms, cloud platforms and agile methodology planning.
- Developed codebase and conducted thorough Code analysis for performance, cyclomatic complexity and average maintainability contributing to a significant improvement of 80% in handling of new change requests.

AT&T-Labs -US, Mumbai   *April 2014 – July 2014*
Front End Platform Lead
- Optimised the search mechanism for the UI file structure in the tree table format, found and solved the bug that DOM insertion order caused memory leak from d3.js which increased overall speed of the application by 80%.
- Devised and implemented a math based algorithm for file handling by identifying the size and type of the HTML5 File API over AJAX requests. This renewed the older method of sharing links to the files hosted on the server.
- Developed a standalone Web Application using modern web practices like modernizr polyfills, responsive design, accessibility, Angular.JS, Bootstrap and jQuery, Backbone.JS Library and performance optimisation-JSPerf.

ETS (Educational Testing Services) - US, Bangalore   *June 2013 – September 2013*
Accessibility Expert
- Consulted as an accessibility expert for two critical applications so as to enable auditory/visually impaired persons to use the applications effectively using graceful degradation, WAI ARIA and standard accessibility guidelines.
- Developed solutions for "Javascript Off Scenario" where the basic functionality of the application would work. Also catered to cross browser compatibility with progressive enhancement.

Accenture Innovation Center for IBM Technologies, Bangalore   *July 2012 – September 2012*
Android Platform Engineer
- Developed a Hybrid Android Application using MEAP – IBM Worklight, also created a Backbone.JS- Twitter Bootstrap boilerplate in the process. Used HTML5, jQuery mobile and performance testing using jsPerf.
- Developed using Parse for Backend, Push Notifications and Validations, also used QR Code API, Movie DB API.

Node.JS
- Working on Node.JS platform since the starting years 2008-2009 when Node.JS did not have support for windows but via Cygwin and MingW.
- Good understand of the inner V8 –C++ bindings, libuv – evented i/o library, socket.io and HTTP 1.1 Pipelining.
- Also worked on and understand the Heroku, AWS and EnginerYard platforms well.

SKILL SET

Advanced & Intermediate: Javascript, Node.js/V8, HTML5, C++, AJAX, Angular.js, jQuery, Bootstrap, Git, NPM, d3.js, Backbone.JS, WAI-ARIA, WCAG2.0, Responsive Design., Pre Sales Estimation, Agile Project Management, Algorithms.

Basic: Java J2EE, MongoDB, Postgre SQL.

Toolkit: Sublime Text, Brackets, c9.io, jsFiddle, codepen.io, Eclipse, Atom.

AWARDS AND HONOURS

Technology Platform – Whiz Award, *Accenture India.*   *October 2013*
Star Performer, *Accenture – India.*   *November 2013*
Winner, IEEE –TSEC General Quiz.   *November 2011*
Winner, *Member of Soccer Team, TSEC at ICT- Tournament.*   *August 2010*