RAVI KUMAR DEMARLA

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Associate Technical Lead – Product Engineering, ProKarma, Hyderabad

- UI Design & development	- Programming	- Unit Testing
- Research	- Best Practices	- Freelancing

Career Highlights

✓ Around 7+ years of Enterprise level product development experience, which includes 0.6 years as Technical Lead experience.

✓ Expertise in Product development in agile methodology and tools research to simplify the development process.

✓ Worked on most of the areas of product development like high level, detailed design, product integration, core programming, code reviews & prototype.

✓ Possess excellent interpersonal, analytical, trouble shooting and team building skills with proven ability in establishing quality systems/procedures and planning/managing resources.

✓ Extensively worked on UI technologies like (HTML/HTML5 with JavaScript, Ember JS, AngularJS, CSS), Flex with ActionScript, and have good experience in Java, spring, Hibernate, JSP, Servlets. Node micro services.

✓ Proven performer and have consistent career growth in all aspects from the date of joining to till date.

✓ Skilled in designing and developing J2EE applications using AngularJS / Angular 2 & 4 / EmberJS / HTML5 / Flex / CSS as UI interface.

✓ Worked on parallel product development, leading teams to reach the goals within stipulated time with good quality by providing technical and operational inputs.

✓ Around 8+ years of experience in freelancing development.

Current Role & Responsibilities (Role: Associate Technical Lead)

Technology, Product domain, Development

✓ **Technology**: Building the same/improved UI by using HTML5, jQuery, Spring from the existing product which was developed using Flex & ActionScript and also responsible for selection of the tools, functionalities and services available to speed up the development cycle. Understand the business requirement and the need the product meets.

✓ **Product Research & Innovation:** Responsible for evaluating and identifying gaps in the technology & product features and functionality. Responsible for conceptualizing, researching and building solutions for future business needs.

✓ **Development Process:** Collecting requirement from the existing product as well as from HLDs, prioritize and maintain product feature enhancement plan. Responsible for every aspect of the development process in the technology, domain, how to do it, how long it takes, best practices, etc. Responsible to guide and train new members in all aspect of the product development.

Education

✓ **Graduation:** B.Tech in Computer Science and Engineering from **JNTUH**.

Key Skills

✓ Strong Coding in Java, J2EE, JSP, Servlet, spring, Hibernate, JDBC], EmberJS, AngularJS, HTML5, CSS3, JavaScript, Object Oriented JavaScript, Flex & Action Script.
✓ Strong business, technical and quality vision
✓ Product development, vision, research and innovation
✓ Meeting the deadlines with in the time lines by leading a team.

Career Profile

✓ Working as Associate Technical Lead – Development in ProKarma Softech Pvt. Limited, Hyderabad.

From	To	Organization	Location
1st jul-2013	Till Date	**ProKarma Softech Pvt. Limited**	SEZ UNIT 1, Divyasree Orian, Gachi Bowli, Hyderabad – 500 032 Phone: +91-40-33122000
26th Apr-2012	31st Apr-2013	**JL Software Pvt. Limited**	H.No.5-10-173, 1st Floor, Vasantha Chambers, Fateh Maidan Road, Basheerbagh, Hyderabad-500004, Phone: +91-40-6662 1111
10th Nov-2010	31st Jan-2012	**VM Software Pvt. Limited**	*VM-Software, 301-Business Avenue, Kalyan Nagar, Pune.*
Feb-2009	Nov-2010	**Excel Soft**	Mysore, India (HQ), 1-B, Hootagalli Industrial Area, Mysore-570018. Tel: +91 821 428 2000

Major Assignments & Technologies

Work Experience

1. Developed & delivered three modules of **QuikView (XP)** with the new technologies AngularJS, Ember JS, HTML5, CSS 3 from the QuikView Flex Application.
2. Designed, developed and Delivered **EHR Mail v2.0** – Email marketing product, which is listed in **Forrester** and **Jupiter** research reports in email marketing consistently.
3. Placed Major role in converting the product User Interface from Flex to HTML5/JavaScript, Ember JS technology.

Technologies worked on

Programming Languages	Javascript, Object Oriented Javascript, AngularJS, EmberJS, HTML5, CSS3, Flex, JAVA, J2EE, Spring, MEAN Stack, Node JS
Databases (RDBMS)	MySQL (Installation, Performance Tuning, Query Optimization) MongoDB
IDE/RAD Tools	Eclipse, NetBeans, IntelliJ, Flash Builder, Dream Viewer, Sublime, Brackets
UML designing tools	StarUML
Frameworks, Libraries and Tools	Springs, Servlets, JSP, Flex Frame works (Cairngorm, Parsley), Design Patterns, Hibernate, Maven, Continuum,
Application and Web Servers	WebLogic, Apache Tomcat,
Version Control Tools	SVN, git
Operating Systems	Windows, MAC OSx
Development Methodologies	Agile
Project Management tools	Intacct, Clarity

Projects Developed

#1. Title   : NFS (New Financing System)
     Organization   : ProKarma
     Client   : T-Mobile
     Product Description : This Version is new financing system of T-Mobile care and retail users.
     Duration   : [Jan 2017 – Till now]
     Team Size   : 5
     Roles Played   : Associate Technical Lead
     Process Followed   : Agile and T-Mobile defined processes
     Environment   : HTML5, CSS3, AngularJS, ES6, J2EE, Spring MVC, JDBC Templates
                                         WebLogic Server and NodeJS.

Responsibilities:
➢ Preparing DDD based on the existing QV flex application & FSD provided by the SA.
➢ Identifying the tasks from DDD, R&D items, providing solutions to the team.
➢ Identifying the UI areas, this can be improved & getting approval from SA through onsite lead.
➢ Participating in Product features elaboration discussion and freeze the scope of the projects.
➢ Doing technical feasibility analysis and Proof of Concepts in the specified technologies for the UI components developed in Angular. Involved in code reviews & designs.
➢ Providing resolutions for technical issues.
➢ Responsible for meeting timelines to deliver the Project features and it's Quality.
➢ Participating in production issues / lifeline calls based on the AOR matrices.
➢ Participating in brand new NFS app in Angular 4.

#2.   Title   : DRP (Device Recovery Process)
       Organization   : ProKarma
       Client   : T-Mobile
       Product Description   : This Version of QuikView application will have cross platform support.
       Duration   : [Mar 2015 – Dec-2016]
       Team Size   : 5
       Roles Played   : Associate Technical Lead
       Process Followed   : Agile and T-Mobile defined processes
       Environment   : HTML5, CSS3, AngularJS, J2EE, Spring MVC, JDBC Templates and
                                        WebLogic Server, NodeJS.

Responsibilities:
  ➢ Preparing DDD based on the existing QV flex application & FSD provided by the SA.
  ➢ Identifying the tasks from DDD, R&D items, providing solutions to the team.
  ➢ Identifying the UI areas, this can be improved & getting approval from SA through onsite lead.
  ➢ Participating in Product features elaboration discussion and freeze the scope of the projects.
  ➢ Doing technical feasibility analysis and Proof of Concepts in the specified technologies for the UI components developed in Flex.
  ➢ Involved in code reviews & designs.
  ➢ Providing resolutions for technical issues.
  ➢ Responsible for meeting timelines to deliver the Project features and it's Quality.
  ➢ Participating in production issues / lifeline calls based on the AOR matrices.
  ➢ Keep tab on new technology changes and bring them into usage by the team.

#3.   Title   : FDP (Future Dated Payments)
       Organization   : ProKarma
       Client   : T-Mobile
       Product Description   : This Version of QuikView application will have cross platform support.
       Duration   : 1 year 1 month [Feb 2014 – Mar 2015]
       Team Size   : 5
       Roles Played   : Associate Technical Lead
       Process Followed   : Agile and T-Mobile defined processes
       Environment   : HTML5, CSS3, EmberJS, jQuery, J2EE, Spring MVC, JDBC templates and
                                        WebLogic Server, NodeJS

Responsibilities:
  ➢ Preparing DDD based on the existing QV flex application & FSD provided by the SA.
  ➢ Identifying the tasks from DDD, R&D items, providing solutions to the team.
  ➢ Identifying the UI areas, which can be improved, & getting approval from SA through onsite lead.
  ➢ Participating in Product features elaboration discussion and freeze the scope of the projects.
  ➢ Doing technical feasibility analysis and Proof Of Concepts in the specified technologies for the UI components developed in Flex.
  ➢ Involved in code reviews & designs.
  ➢ Providing resolutions for technical issues.
  ➢ Responsible for meeting timelines to deliver the Project features and it's Quality.
  ➢ Participating in production issues / lifeline calls based on the AOR matrices.
  ➢ Keep tab on new technology changes and bring them into usage by the team.

#4.   Title   : Quik View 2.5
        Organization   : ProKarma
        Client   : T-Mobile
        Product Description   : This Version of Quik View application will have the enhancements for
                                   the newly added SOCs
        Duration   : 8 months [July 2013 – Feb 2014]
        Team Size   : 4
        Roles Played   : SSE
        Process Followed   : Agile and T-Mobile defined processes
        Environment   : Adobe Flex 3.6 & Action Script, Java, spring 3.2, JDBC Templates and
                                   Web Service Client.

Responsibilities:
   ➢ Identifying the tasks based on the DDD provided by the onsite Lead.
   ➢ Identifying & communicating the gaps in DDD with the onsite Lead.
   ➢ Assigning the tasks with in the team based on the given time lines.
   ➢ Responsible for meeting timelines to deliver the Project features and it's Quality.
   ➢ Clarifying the technical & domain requirements to the team. Responsible to get them clarified from the onsite lead.
   ➢ Participating in production issues / lifeline calls based on the AOR matrices.
   ➢ Responsible for the team should be trained on the new QVXP technical stack.

#5.   Title   : EHR Mail 2.0 [major feature releases]
        Organization   : JL Software (Client: Green Clinical Systems US)
        Product Description   : EHR Mail is an Enterprise email marketing product with an intuitive flex based user interface and a powerful email delivery engine capable of sending 1 million emails in an hour. EHR mail comes with a rich feature set to cater to all the business needs of an email marketer from Profile and list management, profile/list segmenting, web page management, life cycle campaign management and comprehensive reporting on delivery and responses. EHR Mail allows users to manage test lists, content A/B testing, and content sampling, automatic/manual approvals for content and list, manage inbound outbound data transfers. EHR mail with its rich EHR Mail API as well as EHR Mail WS interfaces allows easy integration with client systems. EHR product is integrated with Social Media channels Facebook and Twitter to manage customer data streams. The SMS delivery module is recently integrated into the product from which common reporting can be derived. The product also integrates with Web analytics like GA and Omniture as well as social sharing and reporting for Face book, Twitter, Digg, etc.

        Campaign Approval Functionality: Campaign approval is possible in EHR Mail 7 version via mobile devices. Providing flexibility and availability to the marketing and campaign executives who can approve their campaign deployment remotely from anywhere and need not be present before the computer to approve

        Duration   : 6 months [September 2012 – April 2013]
        Team Size   : 6
        Roles Played   : SE
        Process Followed   : Agile and JL defined processes
        Environment   : Linux, MySQL, Java, Spring3, Flex, Hibernate, Apache Tomcat, JqCharts, JQuery, HTML 5.

#6.   Title   : Scheduler (Provider, Front Desk)
        Organization   : JL Software (Client: Green Clinical Systems US)
        Product Description   : Appointment scheduling systems are used by primary and specialty care clinics to manage access to service providers, as well as by hospitals to schedule elective surgeries. Many factors affect the performance of appointment systems including arrival and service time variability, patient and provider preferences, available information technology and the experience level of the scheduling staff. In addition, a critical bottleneck lies in the application of Industrial Engineering and Operations Research (IE/OR) techniques. The most common types of health care delivery systems are described in this article with particular attention on the factors that make appointment scheduling challenging. For each environment relevant decisions ranging from a set of rules that guide schedulers to real-time responses to deviations from plans are described. A road map of the state of the art in the design of appointment management systems is provided and future opportunities for novel applications of IE/OR models are identified.

        Duration   : 6 months [April 2012 – September 2012]
        Team Size   : 5
        Roles Played   : SE
        Process Followed   : Agile and EHR defined processes
        Environment   : Linux, MySQL, Flex, Java, Hibernate, Apache Tomcat

#7.   Title   : Document Builder 2.0
        Organization   : VM Software (Client: Flozio US)
        Duration   : 1 Year 3 months [November 2010 – January 2012]
        Team Size   : 5
        Roles Played   : SE(Developer)
        Process Followed   : Agile and VM Software defined processes
        Product Description in brief: Flozio, Inc. provides Web2print software as service solutions. Its products include flozio, a cloud-printing application to leverage the supply network defined by users. The company's solution includes an algorithm to auto route orders based on delivery address. It serves copy shops, graphic designers, online printing companies, publishers, work-from-home types, traditional print brokers, quick printers, software companies, in-plant print shops, marketing companies, commercial printers, and print management firms.

        Environment   : Linux, SQL Server, Flex4.0, Dot Net, Apache Tomcat.
        Responsibilities:

        ➢ Designing prototype and make it approved by Product Lead.
        ➢ Developing UI screens using adobe flex and Dot net from web service layer.
        ➢ Perform Assigning and approving team tasks for the module owned by me.
        ➢ Reviewing code and giving guidelines to the team.
        ➢ Meeting project timelines.

#8.	Title	: QAMS (English & Japanese Language)
	Organization	: Excel Soft (Client: Azabu High School, Tokyo)
	Duration	: 1 year 2 months [May 2009 – July 2010]
	Team Size	: 5
	Roles Played	: Developer
	Process Followed	: Excel Soft defined processes.

Product Description in brief: QAMS (Question Authoring and Management System) is software, which will maintain entire organization in one root. Employee can able to receive the mails, fax and scanned documents, and also it can able to send fax, mail from this system. And the document whatever coming in to this system needs to store in to the File Explorer. The document should also have common features like Assign, Reply, Pending, Forward, Close, Email, Fax etc., and the department head can able to see all his department employees statistics. Below are the special features are developed.

Responsibilities:

➢ One Screen: User can finish their work with one screen. User can see all his necessary components like his Inbox, Assigned documents, Organization Tree, File Explorer, Document Viewer, Appointments, History Attachments Links Document notes of that document.

➢ Document Viewer: This is a viewer where user can able to add his annotations inside a document. In this viewer user can sign, he can block some content; he can draw, stamping etc. And also he can add some sticky notes on it and another user can also reply for those sticky notes like forum. Faster retrieval of the documents. It can accept any document from MS Office and Pdf's it is converting every document to swf.

➢ Organization Tree: This is the place where department heads can see his entire department members and their current status of the work. And also DH can able to chat with that employee.

➢ Quick Search: This feature is very useful for our clients to search the document within seconds from the file explorer and for his inbox documents. And also he can see all details regarding that document like Attachments, History, Activity, Links, and Document Notes etc.

➢ Statistics: In this Head of the departments can see his employees' efficiency. Comparison between two employees. He can see the exact point of the problem with the help of this. And he can see All the statistics in multi-dimensions. Here we have deferent type of charts from the fusion charts like pie, 3d-column, 2d-column, Bar charts etc. Charts with Animated interactivity.

Environment: Java, Servlets, flash, Flex3, ActionScript3, JavaScript, HTML, Apache Tomcat and SQL Server

Declaration:

      I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place: Hyderabad   **(D. Ravi Kumar)**