

Muthuraman Sethuramalingam

Solution Architect

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Experience Summary

- Technical Architect with 12+ years of in-depth knowledge in open-source/enterprise technology and cloud services.
- Implement and manage continuous delivery systems and methodologies on AWS.
- Define and deploy monitoring, metrics, and logging systems on AWS. Design, manage, and maintain tools to automate operational processes.
- Extensive experience in handling the Aegir Deployment tools and Acquia Cloud.
- Results-driven solution architect with extensive experience in spearheading the management, design, development, implementation and testing of IT solutions.
- Adept at working with management to prioritize activities and achieve defined project objectives; able to effectively translate business requirements into technical solutions.
- Committed to helping organizations achieve maximum benefit from their IT investment, through meticulous testing, QA, research, development and implementation of technologies.
- Extensive experience in the design and implementation of fully automated Continuous Deployment pipelines and DevOps processes for agile projects across the Broadcast and Media Sectors.

Skill Summary

- PHP Frameworks: *CakePHP, Symfony*
- Automation/Build Tools: *Aegir, ACFS, Jenkins, Docker, CircleCI, TeamCity*
- Version Control Systems: *SVN, GIT, Bitbucket*
- Caching Mechanisms: *Memcache, APC, Varnish, CloudFront / Akamai*
- Front End Technologies/Frameworks: *HTML5, CSS3, JavaScript, JQuery*
- Databases: *MySQL (4.x, 5.x), MSSQL, MS Access, MongoDB*
- Content Management System: *Drupal 6, 7 & 8, WordPress, Joomla*
- Tools & Technologies/ IDE: *Acquia Dev Desktop, Eclipse, NetBeans, Atom, CLI, JIRA, Slack, Confluence*
- API: *PayPal, Authorize.net, Google maps.*
- OS: *Linux (Ubuntu, redhat), Windows, OSX*
- Others: *Apache Web Server, Photoshop, Apps Script, CPanel*

PAST EXPERIENCE

Year	Company Name	Designation
Jun-2008 to Jan 2011	StrApp Business Solutions	Project Trainee
Jan 2011 to Oct 2011	Mindtree Limited	Senior Software Engineer
Oct 2011 to Sep 2014	Accenture Services Private Limited	Senior Software Engineer
Sep 2014 to May 2018	Mindtree Limited	Technical Lead
May 2018 to Jul 2021	Cognizant Technology Solutions	Architect
Jul 2021 to Till Date	Acquia Inc	Technical Architect

RECENT PROJECT PROFILES

1.	Project Name : EMEALA & Elsevier Health Solutions	
Client	Elsevier Inc. – RELX Group	
Role	Architect	
Work Location	Chennai, TN	
Duration	May/2019 – till date	
Team Size	12	
Environment	Software	Project Model : Scrum, Agile Technology : Restful, Micro service, Aegir, Drupal, AWS, Elsevier Ware House Tools : JIRA, Confluence, GIT Hub

Project Description

EMEALA:

Elsevier EMEALA program aimed to consolidate the major Elsevier platforms (All Elsevier sponsored websites, Pharma, Clinical and many small ones) into a unified platform called ESP -EMEALA Solutions Platform to expand functionality to all EMEALA businesses with LMS, Articles Service, and Identity management. ESP will enable easier roll out of new branding and BI initiatives and have Elsevier scientific content available through websites, native apps, and print channels.

Clinical Key:

Clinical Key is a clinical knowledge solution designed to help healthcare professionals and students find the right answers at the right time, every time, through a wide breadth and depth of trusted content. Clinical Key provides healthcare information with unique experience for Physicians, Nurses, Pharmacists, Faculty and Students.

Contribution

- Managed overall offshore delivery for multiple projects and critical engagement.
- Performed Agile Scrum Master Coach role to the team to embark business expectation in terms of Agile way of thinking, execution of effective Scrum ceremonies and retrospection.
- Driven monthly delivery reviews with customers.
- Brought up initiatives within Elsevier that can bring associate readiness for any skillset on demand.
- Innovative ideas and solution offerings taken to customers to bring up real value ads to Elsevier Business.
- Participated in the design, development, quality assurance, implementation and support of browser-based software applications using both proprietary and open source development tools.
- Worked with clients to determine business needs and suggest the end user needs.
- Served as the primary point of technical contact for customers as it relates to projects.
- Provided mentorship to team and technical peers.
- Worked with Group Architect to implement and enforce technical standards and best practices.

- Helped team members and clients to implement and manage projects via the agile process and served as scrum master on most projects.
- Developed technical specifications and user stories.
- Reviewed the work of fellow engineering team members to provide them with advice and consultation.
- Coding and automating content migration.
- Developed custom Drupal modules necessary to support web application requirements.
- Ensured cross browser compatibility for the site with responsive design support.
- Conducted code review and pair coding sessions.

2.	Project Name : Food and Wine, Myrecipes.com & Cooking Light	
Client	Time Inc.	
Role	Technical Lead	
Work Location	Bangalore, KN	
Duration	Feb/2016 – Apr/2018	
Team Size	18	
Environment	Software	Project Model : Scrum, Agile Technology : Acquia Cloud, Micro service, Drupal, AWS, React JS Tools: JIRA, Confluence, GIT Hub, Jenkins, Circle Ci, Puppet, terraform, Solr & Endeca search.

Project Description

Food & Wine:

Food & Wine is a monthly magazine published by Time Inc. It features recipes, cooking tips, travel information, restaurant reviews, chefs, wine pairings and seasonal/holiday content and classic features wine tasting, cooking demonstrations, featured speakers, as well as a cooking competition. We have built the Digital Version in the Content Management Platform.

Cooking Light:

Cooking Light is an American monthly food and lifestyle magazine founded in 1987. Each month, the magazine includes approximately 100 original recipes as well as editorial content covering food trends, fitness tips, and other culinary and health-related news. We have built the Digital Version in Content Management Platform.

Contribution

- Consistently demonstrated high initiative and passion for the work, took ownership of projects and together with my team, drove projects to a successful completion.
- Managed a big team, made up of junior, mid, and senior front and backend developers and QA.
- Worked with, and delegate specific tasks to individual members of cross-functional teams on multi-disciplinary projects.
- Act as lead developer and primary technical resource for projects.

- Responsible for communicating between developers and clients, while architecting and overseeing technical implementations.
- Built a custom accounting tool on a node JS backend, and front end that communicates with a third party service to manage and track hour and billing forecasts and actuals on a per project basis, and for the company as a whole.
- Data migration for the site MyRecipes.com from Sybase to Oracle-10G using Vignette 5.0, TCL and XML-XSLT.
- Identifying the content type that needs to be migrated.
- Endeca Search Engine integration.
- Site Tracking (Omniture) and Ad Implementation.
- Newsletter implementation. (Cheetahmail Integration).
- Guiding customers for Functional Spec creation and creating Tech Spec.
- Mobile Integration (Third Party Tool), RSS implementation.

Education

- B.Tech in Information Technology, Anna University.
- PUC in Computer Science, Hindu Higher Secondary School.
- SSLC, Rangarao Lions Matriculation School.