

VIMSON VARGHESE

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Technical Team Lead / Senior Software Engineer with 15+ years of Startup & Agency experience.

15+ years of experience in designing, developing, scaling solutions for web and mobile platforms in startups and agencies. Now working as a Senior Software Engineer / Technical Team Lead at Laimoon.com in Dubai, United Arab Emirates. Have a good exposure on agile development and Object oriented programming. Also experience in scaling (horizontal) a website or service to handle millions of requests using Amazon Web Service cloud technology. Also have more than 10 years of experience in AWS cloud, started with S3 and cloud front for serving static content to scaling applications using amazon Compute machines, Serverless, SQL & NoSQL databases.

Programming Languages:

PHP, Node.js, Javascript, Shell Script, Python

Frameworks:

CakePHP, CodeIgniter, Laravel, Zend Framework, ExpressJS, ReactJS, JQuery, Wordpress, Serverless, AWS Chalice

Database:

MySQL, DynamoDB, CouchBase, Memcache, Redis, PostgreSQL, Oracle

Search Engines:

Sphinx, ElasticSearch, Solr

Web Server:

Apache, Nginx

Cloud Services:

EC2, VPC, Elastic Beanstalk, Load Balancers, EC2, SQS, Spot Instances, S3, CloudFront, Route53, RDS, SES, DynamoDB, ElasticCache, Elastic File System, Elastic search service, AWS Lambda

Payment Gateways:

TPAY – Mobile payments, NGenius, Cybersource, Paypal, Authorize.net, Linkpoint, YourPay

Markup Language:

HTML5, CSS3, Handlebars, Mustache, React JSX

Tools & Utilities:

Git, SVN, Gearman, Supervisor, Apache Tikka, Cpanel, PM2, Github, Jenkins

Analytics & Marketing Tools:

Google Analytics, Google Webmaster Tools, Google AdSense, Google Adwords

Others:

REST, JWT authentication, SOAP, Search Engine Optimization

PROFESSIONAL EXPERIENCE

Laimoon.com • Dubai UAE • 2016 January – Present

Technical Team Lead

Duties:

1. Responsible for building websites which can scale automatically for handling millions of requests using Amazon web service technologies like EC2, RDS, DynamoDB, EC2, Cloud front, Load Balancers, ElasticCache, SES, Route53 & EFS.
2. Building search services using Sphinx search engine for handling millions of requests per day in a cost effective manner using Amazon spot instances, EFS and Amazon S3c(for syncing data between multiple nodes)
3. Building Analytics applications for proper product valuation using ElasticSearch service in Amazon AWS. We can deliver the derived/aggregated data from billions of records to our product evaluation team within milliseconds. That will make the decisions on product development faster.
4. Our email infrastructure is behind in our user retention strategy. We managed to send millions of emails in a matter of hour with less costs using the Amazon spot instances. We used Gearman, CakePHP to do the worker tasks and Supervisor for managing the workers. Using workers we can send parallel emails sending processes at a time.

Laimoon.com • Dubai UAE • 2011 March – 2015 December

Senior Software Engineer

Duties:

We have around 9 websites and applications which are used by a variety of people like Jobseekers, Recruiters, Course seekers and Course providers. Our back end code base consists of 80% CakePHP and 20% in NodeJS. My Primary duty was to Develop, Test, Bug fixing the entire code base. We used both SphinxSearch and ElasticSearch for search services for job seekers, Course seekers and Recruiters.

We also used most of the Amazon web service technologies like EC2, RDS, DynamoDB, EC2, Cloud front, Load Balancers, ElasticCache, SES, Route53 & EFS for the execution and scaling of the products.

Since 95% of our traffic are organic traffic from search engines, we had to make our pages

very Google friendly in terms of page load time, server load time, URL hierarchy etc.. I also worked on SEO parts to make our website search engine friendly.

Digital Brand Group, Inc • Kerala India • 2010 May – 2011 March

Senior Software Engineer

Requirement Analysis & Wireframe design, Web application development & Maintenance, Team Training & Development. Worked with a start up www.storagetreasures.com, which is one of the largest storage auction websites in USA.

Flip Media • Kerala India, Dubai UAE • 2008 April - 2010 May

Senior Programmer Team Lead

had opportunity to work in some of the earlier startups in Dubai like kalam.tv, carsemsar.com, ershaad.ae.

NewageSMB • Kerala India • 2007 January- 2008 March

Senior Programmer Team Lead

Worked in E-commerce websites, classified websites and Sugar CRM customization projects. Also experienced with Payment gateways, Shipping gateways, integration with order management software's

ISPG Technologies India Pvt Ltd • Kerala India • 2006 January- 2007 December

Programmer

Worked with Real estate listing websites and corporate websites in CodeIgniter framework and MySQL.

EDUCATION

Master of Computer Applications (MCA)

University Of Calicut, Kerala, India

2002 – 2005

Field of study: Computer Science and Software Engineering

Bachelor of Science (BSc)

University of Calicut, Kerala, India

1999 – 2002

Field of study: Computer Science, Mathematics and Statistics