Navaneeth K Nambiathan

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SUMMARY

- More than 10 years of experience across working on many software projects. Mostly worked as a Programmer and architect for medium to large sized projects.

- I have contributed to open- source projects like NodeJs and wxWidgets.

- Founded an open-source testing framework named Gauge written using Golang. Gauge provides test automation in the business language.

- I have also founded the Varnam project, a cross platform predictive transliterator for Indian languages, currently serving many users across the globe

WORK EXPERIENCE

Solution consultant, Sahaj Software solutions Pvt Ltd

September 2014 – Present

Worked on creating a product called *Bigcatalog*. Bigcatalog Provides a consistent, standardized, product catalog and taxonomy, collected from many online e-commerce merchants to improve their business. Bigcatalog consolidate, standardize, clean and provide REST APIs for products available across online merchants.

- Experienced architecting and developing scalable transaction systems, recent experiences include developing a set of independently deployable micro services aggregating un- structured data from different sources, normalising, indexing and serving a mobile application which works at scale in the e-commerce space

- Has experience in working with Ruby on Rails, big data, messaging queues, search indexing and scaling it to produce realtime performance to the products

- Also worked on data analytics and visualisation powered by tools like InfluxDB, Grafana, elasticsearch etc.

- Architected and re-engineered a large Ruby on Rails project for the publishing industry. This includes developing the web platform and working with large background jobs to achieve PDF and postscript document generation.

- Has experience in build automation using tools like Ansible, Jenkins and Docker

- Led a small team of 5-10 people

Application developer, Thoughtworks Technologies Pvt Ltd

November 2009 – September 2014

- Designed and architected Gauge (http://getgauge.io), a BDD style, highly customizable functional testing tool with a focus on supporting many programming languages. Gauge is written using golang

- Led the development team for Twist (https://www.thoughtworks.com/products/twist-agile-testing), agile testing framework which works on top of Eclipse

- Worked on Go (https://www.thoughtworks.com/go/), continuous delivery tool

- Experienced in software development practices like, pair programming, test driven development, continuous deployment and delivery

- Worked on a distributed contact management system for a consulting company using Microsoft .NET and and WPF

EDUCATION

- *2003 to 2006*: Masters in Computer Science, Coimbatore, India

- *2000 to 2003*: Bachelors in Computer Science, Coimbatore, India

OPEN SOURCE PROJECTS

- **Varnam project**: Varnam is a smart, cross-platform predictive transliteration tool for Indian languages currently serving many users across the globe. Varnam includes a learning (ML) module, which learns words given a text corpus in the respective language, which also aids in predicting and auto completing words while typing
- **Gauge**: an open-source testing framework named gauge written using *Golang*. Gauge provides test automation in the business language. Gauge is the first BDD style testing tool which uses markdown syntax for expressing the test cases.

OTHER SIDE/PET PROJECTS

- **epoch - A simple epoch CLI based converter**:
- **Calabash java - Java client for Calabash testing framework**:

SOFTWARE SKILLS

A strong believer of polyglot programming, I chooses the right programming language for the problem at hand.

- *Programming languages*: C, Java, Ruby, .NET, Elixir, Javascript

- *Messaging queues, data processing*: Apache Kafka, Rabbit MQ, Apache Spark

- *Web*: Ruby on Rails, ASP.NET MVC

- *Databases, search engines*: PostgreSQL, Elastic search, Redis, Cassandra

ACHIEVEMENTS

- Mentored students in *Google summer of code* for Varnam project

- Attended Google summer of code mentor summit

- MVP for community contributions