

## SUMMARY

- Full stack expert with leadership experience for more than 11 years architecting & building **scalable, performance oriented, resilient** web/mobile applications with extensive knowledge in **Object Oriented Programming, Algorithms, Data structures**, complete **"Software Development Life Cycle"** providing **Design Specification** with UML representations such as **Use-case Diagram, Activity Diagram, Sequence Diagram, Class Diagram**.
- Comfortable developing **J2EE** application from scratch using technologies like **Spring, EJB, JPA, Hibernate, MySQL, Java Mail API, Apache Solr, Elasticsearch, ActiveMQ, JMS, Transactions, Apache Tiles, JSP, Bootstrap, Ehcache** and deploying in **Tomcat, Jetty, JBOSS 4.2.3, Openshift, Google App Server, Jelastic, Cloud Foundry, Cloudbees, Google Cloud SQL** having repositories in **BitBucket, Github**.
- **Dasha Pramathi** (<http://www.dashapramathi.org>) is one of the self-learning project I enjoyed (1500+ Likes on Facebook). Its private codebase is committed in **Atlassian BitBucket**. Application and database are hosted on **AWS**, analytics powered by **Google Analytics** and bug tracking system managed by **Atlassian Jira** ([more](#)). Dasha Pramathi android applications are available in **Google Play Store**. Developed **"G.H.U.T"** to understand usage of **Bootstrap** framework and **Google App Engine PAAS**.
- Experience with design patterns such as **singleton, factory, proxy, observer, adapter, decorator, visitor, iterator, state, template** etc. Architected an application suite with **microservice** architecture using **Reverse Proxy Server, Service registration and discovery service** such as **Eureka (Netflix OSS)** and **Consul**, Configuration server, **Keycloak's IAM server, SpringBoot** application with **MongoDB** using **Vagrant** and **VirtualBox**.
- Author of **"Microservices Sample"** and **"Hello Deployment"**

## EXPERIENCE

SOFTWARE DEVELOPER 3 @European Commission

April'16 – Current

Hands on: Java, Spring Framework, Angular, Prime NG, Bootstrap, Web-Logic, Maven, Agile - Scrum

### eGrants Team

- Developing **SEDIA** Portal to support multiple European Union Projects, Grants and Tenders and Participation in those Projects. Next Generation of **Participant Portal**.

SENIOR FULLSTACK DEVELOPER @ CONCUR - SAP COMPANY [NYSE: SAP]

November'16 – February'18

Hands on: Java8, RxJava, JEE, Spring Boot, Cloud computing, Aspect Oriented Programming, Microservices, Consul, Couchbase, Zuul, Okta, Elasticsearch, Logstash, Kibana, Redis, GitHub, Docker, Docker-compose, Quay, Helm, Tectonic, Kubernetes, AWS – EC2, JFrog Artifactory, Kitematic, RabbitMQ, Vagrant, Jenkins, Hibernate, Swagger, AngularJS, JQuery, Bootstrap, Maven, Gradle, MySQL and Agile - Scrum

### SERVICES INNOVATION

- Efficiently led a team of 14 developers (3 scrums) and built an application which provides the gamification environment among developers in less than a month.
- Base-lined the new generation technology stack, architected the platform, built and integrated the infrastructure which includes centralized session store (Redis), centralized logging system (ELK), Security (Okta), Deployment (AWS/Docker/Kubernetes) from ground zero to support polyglot applications in a micro-services-based ecosystem.
- Analyzed and implemented the build, deployment pipeline using Jenkins, Artifactory and K8S clusters for the team in India after interacting with multiple teams in US and EMEA.

CONSULTANT ENGINEER @ Ariba Inc - SAP COMPANY [NYSE: SAP]

March'13 – October'16

Hands on: Java, JEE, MongoDB, Zookeeper, Hadoop, Hbase, Apache Avro, Perforce, Git, Maven and Agile - Scrum

### BUYER DEVELOPMENT TEAM - [Catalog, Invoicing, Content]

- Design and developed the **Catalog Extract** Feature which includes having snapshot of the catalog base for each transaction, mapping and converting avro data to json, schedule task which cleans the catalog snapshots periodically and implementation of asynchronous persisting of data using threads.
- Handled the basic performance tuning and security analysis for the content management system module.
- Responsible for export of catalog data in vanilla format from HBase to HDFS using a Hadoop job.

Hands on: Java, Spring 3, Hibernate 3/4, JPA, JTA, MySQL 5/5.5, Apache Tomcat, Maven, SVN, Firebug, Eclipse, JQuery, JSON, Web Services – RESTful API's, Agile – Scrum, Liferay, Apache Solr, ActiveMQ

**ZYNGA PLAYER PLATFORM - PLAYER SUPPORT**

- Implemented few POC's for taking "**Player Support**" for Zynga on development which introduces social aspects to the web. I was responsible for design and development of the complete backend.
- Designed and implemented a **Spring-Hibernate-MySQL-Maven** Project for condition-based seeding of 15 million data into the database which was used for the "**Platform Analysis Benchmark**".
- Adopted **SHA 256 encoding standard, AES encryption/decryption model, Re-Captcha** and developed "**Centralized Mail Utility**", "**Profanity Filtering Engine**", "**Email Template Strategy**" for the **ZPS Registration flow**. Complete product development of "**Moderator Tool**" for Player Support.
- **Account Management** for the Social Platform which involved **Forgot Username/Password** Feature.
- Design and developed Award-Ville, a web application which helped the IDC for the internal award nomination purposes.

**SOFTWARE ENGINEER 2 @ JUNIPER NETWORKS, INC [NYSE: JNPR]**

June'10 - November'11

Hands on: Java, J2EE, EJB 3, Hibernate 3, JPA, JMS, JNDI, JTA, Servlets, MySQL, JBoss 4.2, Apache Tomcat, Perforce, Firebug, Apache Ant, Apache POI, IntelliJ, ExtJS, JSON, XML, Web Services – WSDL, RESTful API's, Linux, Android, Agile – Scrum

**JUNOS SPACE - NETWORK APPLICATION PLATFORM**

- Took the initiative to build the basic foundation of **designing and implementing** the end to end UI, with the best practices as mentioned in "**Android UI Design Patterns**" by **Google**, during the development of **Junos Space** for android devices as a part of guiding and mentoring team members. Also, took the responsibility of integrating REST API's with the front-end. [Demonstrated to **Paul McNulty - Vice President, Service Automation** on his visit to India]
- Designed and implemented an idea of developing "**Template for Junos Application**" which reduces the time of creating a basic application in 'Junos Space' to around 60%.

**ENGINEER - SOFTWARE DEVELOPMENT @ NOKIA SIEMENS NETWORKS PRIVATE LIMITED**

October'08 - June'10

Hands on: Java, J2EE, EJB 2.1, EJB 3, Hibernate 3, JPA, JNDI, Servlets, Oracle, IBM Clearcase, IBM Websphere, Tortoise SVN, Firebug, Pencil, Apache Ant, Apache Maven, Eclipse, RichFaces, XML, Agile – Scrum, Water- Flow model, Linux, Solaris, HP Quality Center, J-Unit, Easy mock, Power mock, Install Anywhere

**NETACT™ - NETWORK MANAGEMENT SYSTEM (Versions: 0.5 & 1.0)**

- Involved in complete life cycle development of the product.
- Developed link detection functionality for Juniper MX network elements, dynamically fault recognition, Sub network feature, Assign/Un-assign feature etc

**GRADUATION**

Bachelor of Engineering, Information Science.  
The National Institute of Engineering, Mysore

June'03 - June'07

**INTERESTS**

- Photography, Acting, Gaming, Yoga, Sports, Trekking, Swimming.
- Enjoy solving problems and Puzzles

**ACHIEVEMENTS**

- Won 1st Prize in Code-a-thon 2014 competition and participated in Code-a-thon 2016 at Ariba Technologies
- Table Tennis - State Level (Thrice), Winner in Singles and Runner in Doubles at Zynga TT Tournament
- Organized short trips and treks of small groups
- Awarded as the most active person during Unit day at Infosys