PROFILE

* 9+ years of experience in development and integration of enterprise web applications, micro services, cloud native apps, serverless functions and container-based applications
* Expertise with software development and implementation of web services & web-based applications on Java, Spring and other J2EE components
* Passionate towards building light weight server components on Python and Node JS
* Worked on on-demand cloud computing and have adequate experience on the services required to run and monitor applications, on various platforms like AWS, Microsoft Azure, Heroku, Pivotal Cloud and has a good experience with Infrastructure as a code (Terraform)
* Good exposure and hands on running container-based apps using Docker and developing Serverless functions on various cloud platforms
* Hands on experience on Internet of Things including various IoT components like (Pi4j, Constrained Application Protocol, MQTT and Eclipse kura)
* Work experience with Relational Database’s like Oracle, My SQL and No SQL databases like MongoDB, AWS Document DB
* Passionate in basic Java design principles, contribute architecture designs for new or challenging requirements

WORK EXPERIENCE

* **Full Stack Developer |** *01-Jul-2019 – till date*  **IDEXX Laboratories, Ludwigsburg, Germany**
  + Backend Developer (Microservices & Serverless apps) for Instrument Manager and PCR application suite
  + Developed Serverless functions on AWS lambda which manages the incoming orders for the test in laboratory, tracks the status of on-going tests and provides the results to the external interfaces
  + Currently developing a cloud based Plate Design and Quantitative analysis solution for PCR laboratory
* **Software Developer – Java |** *01-May-2019 – 30-June-2019*  **Canon Deutschland GmbH, Stuttgart, Germany**
  + Java developer for COSMOS a product used in large scale printing by Canon
* **Senior Software Engineer** | *13 Jun 2013 – 26 Feb 2019*  
  **Robert Bosch Engineering and Business Solutions Limited, Coimbatore (India)**
  + Preparation of technical proposals and solution architecture for new requirements and projects
  + Member of Centre of Excellence, research on evolving technologies and develop the proof of concepts for the upcoming requirements
  + Technical guidance and mentoring new or junior members of team
* **Individual Contributor** | *08 March 2010 – 06 Jun 2013*  
  **Oracle Financial Services and Software Solutions, Chennai (India)**
  + Responsible for requirement gathering, analysis, implementation of web apps for Investment Banks

EDUCATION

* **Bachelor of Engineering (Instrumentation and Control Engineering)** | *1 Jun 2005–30 Apr 2009*  
  **Anna University, Chennai** (Dr. Mahalingam College of Engineering and Technology), Pollachi (India)

ACHIEVEMENTS

* + Ownership of complete development of the OTC module from scratch in TPS product
  + Did root cause analysis and provided solution for high memory usage of MyHR app, saved the running cost and prevented the application from frequent unavailability
* Ability to run the Thing Book app across various cloud platforms like Azure and Pivtoal
* Implemented end to end chat bot, integrating Facebook messenger with meya bot via smooch messaging platform
* Implementation of Spare parts catalogue in a way its services can be consumed my n number of partner systems
* Volunteered to take up new challenges and provide the best possible dynamic solutions

* Best performer award 2017 (RBEI/BSJ) in Thing Book product for successful implementation
* Best Team award from Sony India in the year 2016 for successful migration of Garata Suite

ASSIGNMENTS

**1. PCR Application Suite**  *Idexx Laboratories | May 2020 – Till Date*

* PCR Application Suite is set of microservices developed on Spring Boot/Spring Webflux running in AWS as ECS containers
* The microservices focuses on arranging the plates that could be fed to Instrument (Light Cycler) for analysis of the samples in the plates, and make the quantitative analysis based on the data provided by the instruments for individual samples

**2. Instrument Manager**  *Idexx Laboratories | Jul 2019 – May 2020*

* Instrument Manager is a serverless web app running on AWS , It manages the incoming orders for the medical analysers and interfaces the orders and resulting systems

**3. Océ COSMOS** *Canon Deutschland GmbH | May 2019 – July 2019*

* COSMOS is a workflow management product used in the lifecycle of large-scale printing by Canon
* The product serves as a unified control centre for document management workflow and processes

**4. Spare Parts Catalogue** **Migration** *Bosch Power Tools | June 2018 – Feb 2019*

* A web app built on Spring Boot used by B2B and B2C users
* Allows users to search for a power tool, view the explosion diagram of a tool, select the spare parts from the exploded view and proceed with the checkout and purchase

**5. Thing Book** Robert Bosch GmbH | *Feb 2017 – June 2018*

* A set of rest API’s built as micro services running on Bosch cloud platform and Microsoft Azure
* Equips the manufacturers and users with several services like product registration, product search, user management, rating, inventory services, Store locator and Store management services
* Acts as a bridge between manufacturers, user and dealers

**6. SEL GARATA** *Sony* | *Jun 2015 – Feb 2017*

* Six individual web apps running on on-premise tomcat
* Maintains the Service manuals, Bill of material of all vaio laptops
* Tracks the life cycle of a vaio product right from manufacturing till the end of warranty period
* The apps are been migrated to AWS

**7. DDAS** *Jaguar Land Rover | Mar 2015 – June 2015*

* Vehicle feedback system for Jaguar Land rover vehicles
* A vehicle reached the service station, data are collected from six different microcontrollers installed on their respective modules of the vehicle
* Reports are prepared and shared to service centre on processing the collected data

**8. WCMS – MyHR** *Robert Bosch GmbH | June 2013- Feb 2015*

* A WCMS application built on tool named First Spirit
* HR portal used by Bosch employees, servers as the information exchange centre between HR and employees

**9. Treasury Product Systems – OTC, Blotter, Client Referral, E-Cube** *Oracle | Jun 2010- June 2013*

* TPS is a Deal Booking System for Structured Products, Derivatives and other financial products like Good Till Month (GTM), Initial Public Offering (IPO), and Structured Product Blotter (SPD)
* Used in automating the process of deal booking by Dealers and Relationship managers in the Citigroup Wealth Management, Asia Pacific Region
* Client Referral is the referral workflow system of Citi Private Bank
* CR deals with identifying and delegating counsellors and respective approvers for approval of various tagging such as Investment Counselling (IC), Portfolio Counselling (PC), Equity Direct Counselling (EQD), FX Direct Counselling (FXC), and Fixed Income Direct Counselling (FID)
* Blotter support's new products end-to-end (i.e.,) entire life cycle of the product from deal booking deal events such as (Liquidating, Exercising, Knocking, Cancellation, and Amendment), automated advice's & confirmation, accounting, barriers pay-off identification
* E-Cube is a product for Citi Private Bank for the Europe region where the customer's trade with different options says swaps, swaptions, and floor. The system allows the customers to book deal with various, report generation and maintenance