Employee Name – Systems Engineer (ECS ADM)

**Contact No :** **Current Location :**

**Email id :** **Role Designation and Job Level :**

**Summary**

* Samir Prakash has 13+ years of experience in software design, development on Windows and Unix environment.
* Experienced in application development using Java, HTML5, JavaScript, Android on Web and distributed platforms.
* End to end development, delivery and maintenance of production ready application using latest client/server technologies.
* Has very good understanding and hands-on knowledge of core Java and JavaScript (Client/Server), HTML5 and CSS3.
* Experience in architectural design and solution implementation for large applications covering varying technologies and infrastructure.
* Hands-on knowledge on designing, development, testing and production deployment and support for client/server applications.
* Good understanding of the Car Infotainment system development.
* 5+ years of experience in using Agile based product development.
* Worked on project estimations plans for various projects
* Efficient in analysis and contributions to open source libraries

**Key Domain and Technical Knowledge**

* Domain :
  + Insurance – worked for CHUBB insurance, UK of their client oriented application and admin application for monitoring, sales and settlements of insurance for a period of 2 years as software engineer
  + Security – worked for CA Inc. for development of siteminder admin portal using Identity and Access management framework developed in-house for a period of 2 years.
  + Telematics – worked on a collaboration of vehicular technologies, road transportation, road safety, instrumentation, wireless technologies for Toyota Motors Europe to develop and maintain Telematics services for Toyota and Lexus navigation devices.
  + UX/UI – worked on development and maintenance of client facing mobile and web applications for Toyota Motors Europe across EU.
  + DevOps – Working on developing and implementing DevOps best practices for Toyota Connected Inc.
* Technical :
  + Languages: Golang/Python/Java/JS/HTML5/CSS3/Node JS
  + Software/tools: IDEA, WebStorm, Node JS, JIRA, Stash, Bamboo
  + Frameworks: Backbone JS, Angular JS, React JS, Spring/Hibernate
  + Versioning System: GIT, SVN, IBM ClearCase
  + DB: Oracle, SQL server, Mongo DB
  + Cloud: AWS, Heroku
  + CMS: Tridion 2012/JOOMLA/Wordpress/Jekyll

**Academic Qualification**

* Bachelor of Technology in Computer Engineering from Sikkim Manipal Institute of Technology, Sikkim, India.

**Total Work Experience:**

INFOSYS LTD

* Location: Chandigarh, India
* Duration: – April 2012 – till date
* Position: Technology Lead (Java/JavaScript/Full-Stack)

NIIT TECHNOLOGIES

* Location: New Delhi, India
* Duration: October 2011 – March 2012
* Position: Technology Lead (Java/JavaScript/Full-Stack)

INFOSYS LTD

* Location: Chandigarh, India
* Duration: April 2007 – September 2011
* Position: Technology Analyst (Java/JavaScript/Full-Stack)

H C L

* Location: New Delhi, India
* Duration: January 2005 – March 2007
* Position: Software Consultant (Java)

**Projects**

**DEVOPS ENGINEER –** Toyota Connected **–** Plano, TX - January 17 - Present

* Enabling development teams to deliver faster and better by implementing DevOps practices
* Creating and maintaining CI/CD pipeline for development teams using Jenkins/Wercker/VSTS
* Create local and VM based solutions for Jenkins CI/CD environment
* Working on managing multiple build pipelines using Wercker CLI for CI/CD on Kubernetes
* Implemented a working solution using visual studio team services for CI/CD process
* Create and maintain multiple development and deployment environments i.e. DEV, QA, Staging, Pre-Production and Production
* Testing, finalizing and promoting builds over multiple environments based on pre-defined strategies and policies
* Containerizing Spring Boot micro services with Docker
* Containerizing JavaScript Angular and React based client side applications with Docker
* Enabling development teams to implement best practices for Java micro services
* Enabling teams to understand and implement JavaScript/HTML5/Node based applications
* Enforcing application, container and orchestration level security for frontend and backend micro services
* Enabling teams to implement GIT workflow using feature based development, Pull Request, Peer reviews, etc.
* Enabling teams to understand and implement DevOps as a day to day activity
* Creating structured logging implementation for consistent project wide logging solution
* Creating publish-subscribe model leveraging AMQP and RabbitMQ from spring boot for micro service interaction
* Configuring private registries on Microsoft Azure for Docker images
* Implementing best practices for creating/tagging/maintaining Docker images
* Implementing code coverage guidelines using SonarQube and JaCoCo for Java and JavaScript based applications
* Implementing cloud based artifactory solution using JFrog
* Implementing profile based configuration for Java micro services for multiple deployments on Kubernetes
* Implementing externalized configuration server for Java micro services for Kubernetes deployment management
* Configuring Microsoft Azure as a cloud service provider for project requirements
* Container orchestration using Kubernetes 1.6 and Microsoft Azure
* Managing Pods, Deployments, Services on Kubernetes
* Creating and maintaining deployment scripts for Windows and Linux environments for Kubernetes deployments
* Working on developing optimized CI/CD workflows using latest trends in current technologies
* Evaluating PaaS, SaaS and IaaS providers to provide the most cost-effective solutions

**UX/UI PROJECT LEAD –** Toyota Motors Europe - Brussels, Belgium - April 13 – November 16

* Worked with UX agencies for Pan-European SPA design
* Developed and delivered robust web apps for Toyota and Lexus
* Hands-on Development of Mobile first responsive web SPA
* Hands-on implementation of SSO based IAM system for web app security
* Implemented product internationalization for 28 countries and around 46 languages across Europe
* Leveraged latest open source technology stack – Backbone/Marionette/React/Node/Express/Mongo DB/Redis
* Frontend JavaScript framework implementation with HTML5 and CSS3
* Enabling SAAS based bootstrap implementation for UX enhancement
* Implemented GIT based workflow for team development
* Implemented and leveraged AGILE using JIRA and Confluence
* Management of cloud based deployment infrastructure with AWS and Heroku
* Implemented continuous integration, testing and deployment process with Bamboo and Stash
* Created and refined local development environment using Grunt and Gulp build pipelines
* Automated packaging and deployment using Grunt/Gulp pipelines
* Implemented frontend testing frameworks with mocha and chai libraries
* Integration with In-Car head units for leveraging Telematics services for end users
* Developed and integrated connected car app store for Toyota and Lexus
* Worked on integration and delivery of connected car app store for in-car devices
* Managed a development team of 8-10 developers in onshore/offshore development model
* Worked on requirement elicitation and analysis
* Worked on design documents and artifact creation for frontend SPA
* Worked on development and product testing
* Finalized delivery processes and implemented production support post go-live
* Project coordination with Toyota and other suppliers/vendors
* Face to face client handling by generating and presenting project status and projections
* Worked with dealers in various countries within Europe for understanding requirements
* Implemented best practices for enhanced development and testing across teams
* Integrated with server side telematics services using Spring REST-full applications
* Live websites: www.toyota.co.uk and www.lexus.co.uk

**LEAD TELEMATICS DEVELOPER-** Toyota Motors Europe – Brussels, Belgium -April 12 – January 13

* Developed Java Spring based REST API for providing Telematics services to Toyota and Lexus end users
* Individually developed JavaScript/HTML5/CSS3/React client side application for the backend services
* Leveraged Backbone and React JavaScript library for front end development
* Leveraged Bootstrap and CSS3 frameworks like LESS and SASS for UX implementation
* Worked on implementing build and deployment pipelines for frontend applications
* Integrated development to provide In-Car services on infotainment head units for Toyota and Lexus vehicles
* Collaborated with in-car device manufactures (Harman/AW) for integration with in-car infotainment systems
* Collaborated with service providers (Google/Yandex/TomTom) to provide real time data feed on route mapping and navigation
* SSO implementation for providing a smooth UX using React for vehicle owners
* Integrated with Bluetooth services and mobile service provider
* Implemented OTA real time solutions for purchase, download and usage of in-car apps on head units
* Implemented real time monitoring for fleet of vehicles to provide real time vehicle tracking
* Created infrastructure to update a centralized Pan-European vehicle database for Toyota and Lexus
* Implemented distributed application architecture to support in-house and cloud based services
* Helped the team move from SVN to GIT workflow
* Helped the team to learn and understand AGILE processes

**JAVA UI DEVELOPER –** CA Inc. - Framingham, MA - Sep 09 – October 11

* Worked on development of IAM site-minder admin portal
* Worked on fine-tuning IAM based framework for CA Inc.
* Worked as an Individual contributor to core development

**JAVA DEVELOPER –** Chubb Insurance - Chandigarh, India - April 07 – July 09

* Worked on development of insurance based product
* Worked on Java EE architecture based development
* Worked on creating unit tests for core logic
* Worked as an Individual contributor for core product development

**FRONTEND DEVELOPER –** HCL – New Delhi, India - January 05 – February 07

* Worked on in-house support product development
* Worked on JSP and servlet technologies
* Worked on JavaScript and HTML

**Personal Information**

* Gender : Male
* Marital Status : Married
* Visa Details ( If any) : H1-B (Out of cap)