

Praveen Kumar V

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EDUCATION

B.Tech - National Institute of Technology, Calicut

2005- 2009

Electronics and Communication Engineering

UI/UX Design – DesignBoat School, Bangalore

2019- 2020

WORK EXPERIENCE

Boeing India Pvt. Ltd.

July 2017 – PRESENT

SUMMARY

- Hands on design and development of web applications based on React.js, Angular js and Spring boot.
- Hands on implementation of micro service architecture using Spring boot following 12 factors.
- Hosting applications in Pivotal Cloud Foundry and Microsoft Azure.
- CI/CD with Gitlab following Dev-sec-ops
- Lead a team of 5 developers by reviewing project progress, monitoring architecture deviations and code quality.
- Make presentable prototype for new applications and features for client demo and communication.
- Code in different languages including Java, dot Net, JavaScript
- Analyze recommend and use technologies according to project requirement

John Deere India Pvt. Ltd.

July 2009 – 2017

SUMMARY

- Experience in developing rich user interfaces using React.js and Redux
- Experience with **Spring Framework** and its module like Dependency Injection (IOC), mvc, jdbc, boot, batch and Security.
- Rich Experience in developing applications that consume and/or generate **RESTful Web Services** using Spring MVC and Rest template.
- Expert in unit testing using **JUnit, Mockito, Spock** and **FitNesse**
- Hands on experience in relational databases like **Oracle, DB2 and MySQL, H2.**
- Responsible for sprint delivery back log grooming, working with PO for requirement. Estimation of stories. Helping team members in solving problems.
- Extensive experience working in an **Agile** and **Scrum** development environment, which includes Acceptance Test Driven Development (**ATDD**) and Test Driven Development (**TDD**).

- Expertise in Object Oriented Analysis and Design (**OOAD**), SOLID Principles, development and implementation of Web based applications.
- Expert in **Git** Pull request work flow.
- Done production ready hacks during Hackathons which solved pain points of customers and peer developers.

TECHNICAL SKILLS

Languages	Java 7/8, Javascript, ES6, Groovy, Scala
Frameworks/Technologies	Spring 3/4, JSP, Servlets, FitNesse, RESTful Web Services, ELK Stack, FitNesse, JUnit 4, Mockito, Spock, SQL, JSON, XML
UI Technologies	Node.js React, Redux, Hapijs, Mocha, Sinon, Chai, JQuery, Knockout.js, Gulp, Webpack
Databases	DB2, Oracle, MySQL, MongoDB, H2
Web/App Servers	IBM WebSphere Application Server, Jetty, Apache Tomcat
Development Tools	IntelliJ Idea, Eclipse, IBM RAD, Toad, Rally, GitHub, Git, AppDynamics

CERTIFICATIONS and AWARDS

- Sun Certified Java Programmer Java 2 platform Standard Edition 5.0
- Sun Certified Web Component Developer Enterprise Edition 5.
- Received project level award for individual contributor.

PROJECTS

Project # 1

Aglogic™	Oct 2016 - PRESENT
Role	Tech Lead, Scrum Master
Technologies	Java 7, Spring 3.2, Amazon Cloud (AWS), MySQL/Aurora.
Team size	9

Description

Aglogic is a job scheduling system for an operator and it provides details about fields and field boundaries and breadcrumbs of the applying system. It communicates through android/ios app and CN70 device to capture data from field to web.

Responsibilities

- Design, analysis and implementation of enhancements to the application.
- Improved performance of critical workflows by analysis using AppDynamics, resolved N+1 query issue.
- Driving the team to follow TDD, Git pull request workflow backed with Jenkins verify
- Code review.
- Running Proof of Concepts (PoC) and Hackatons to evaluate technologies and ideas.
- Involved in Daily Scrums, Sprint Planning, Backlog Grooming, Sprint Reviews, PSI Planning and Retrospective.

- Designed an Integration test framework for this project using MockMvc.
- Worked on a PoC for rewriting the UI of this application using React and Redux
- Implemented ELK Stack (ElasticsearchLogstash and Kibana) for this application using AWS.

Project # 2

MyJohnDeere/Axiom	Nov 2014 – Oct 2016
Role	Developer
Technologies	Java 8, Spring 4, Oracle, Fitnesse, React Redux, ES6
Team Size	7

Description

MyJohndeere is a single website to manage equipment information, production data, and farm operations. Axiom is a single backend which exposes REST end points to various applications of John Deere.

Responsibilities

- Test Driven Development of user interfaces using React and Redux in ES6.
- FitNesse driven ATDD Implementation of RESTful endpoints using Springmvc.
- Maintaining the codebase always releasable with weekly releases to production.
- Worked on data migration and transformation for new business model using Spring-batch.
- Worked on performance improvement (75%) of /machines end point.
- Worked on a NodeJs based web application using React Redux and Hapi.js
- Worked on a hack using Pandorabots using Artificial Intelligence Markup Language (AIML).

Project # 3

Stellar Support	Nov 2014 – Oct 2016
Role	Developer
Technologies	Java 6, Groovy, Spock, Knockout.js, Spring 3, JSP, Servlet, DB2
Team size	13

Description

Stellar is the largest e-commerce website owned by John Deere, which deals with the trade of more sales and enablement of 100 John Deere telematics subscriptions and activations.

Responsibilities

- Involved in Re-architecture, refactoring and rewriting of the application, to make the tightly coupled legacy code into more maintainable, easily extensible and configurable. This resulted significant drop in bugs and improved speed to market.
- Migrated the application from Servlet and JSP based implementation to use Spring MVC.

- Designed and implemented an order management system which handled complex proration scenarios for subscription upgrades.
- Root caused and rectified a multithreading and timeout issue of a transactional billing batchjob which was implemented using servlets.
- Led the change from water-fall to Agile by being part of a team of early adopters.

PERSONAL PROFILE

First Name	:	Praveen Kumar
Surname (as per Passport)	:	VenugopalaPanicker
Date of Birth	:	25-Jan-1987
Sex	:	Male
Languages Known	:	English, Hindi and Malayalam
Permanent Address	:	‘Pranavam’, Chethimattam,Pala P.O, Kottayam,Kerala, India – 686575