+91 761 941 2979 / +1 757 286 1412      **Sujay Bedre**                    sujay.bedre@gmail.com

## Core Skills

- 14+ years of handson experience & 6+ years of experience managing engineering teams
- Experience with system design and ability to architecturally scale a software solution
- Led a cross-functional team consisting of Product, Backend, UI, QA & Infra Eng.
- Experience in Banking, Procurement, Ecommerce, Recruitment & Logistics Domains
- Experience building product roadmaps, resource planning, cost analysis & vendor mgmt.
- Extensive experience working with open source & proprietary JAVA related technologies

## Achievements

- As a founding member I successfully built the engineering & product team of 35+ employees and help setup processes related to product development at Fundsflo
- As a director for the technology team I spearheaded development of multiple products at Fedbid Inc during which the company grew from 40 to 500 member company
- As a founder at Benchire I was responsible for setting up all the processes required and customizing all the internal products required for a team size of 40+
- Secured multiple private grants ranging in amounts of 1.5 to 3 Million USD from Raytheon, General Dynamics and VMASC under Prof. Ajay Gupta at ODU Research Foundation
- Secured NASA's federal grant for my work on HUMS architecture at ODU Research Foundation under Dr. Ravi Mukkamala

## Experience *[ Fedbid, Fundsflo, GovExchange are part of Revolution Companies]*

**Airtel Payments Bank,**  Bangalore IN - *Assistant Vice President*

JAN 2021 - PRESENT  [Team Size: 50] Domain: Payments Bank

Ratio: 50% TECHNICAL DESIGN 50% PROJECT & RESOURCE MGMT

- Managed team of 50+ development team for the consumer and b2b verticals
- Responsible for hiring, retention, firing  and performance appraisal of team members
- Review design and Architect solutions for implementation using micro service architecture
- Architect technology blocks that have to be used, helped management team visualize the product with available resources
- Delivered revamped Wallet, SBA, Video KYC, SHG, DBT, CashManagement flow, B2B portal for different actors on mobile and web platforms along with multiple regulatory and compliance related use cases to handle volumes of 35000 TPS for certain pages.
- Responsible for day to day operations and production support for the vertical.
- Responsible to build, manage and validate the tech roadmap for the products in play
- Mentor Engineers, Scrum Masters, SDET's, Business Analysts

Key Tech: Java 8, Microservices, Aerospike, Elastic Search, LogStash, Kafka, Kibana, Grafana, Oracle, React js, EC2, S3, Spring Boot, Spring Stack, Maven, Gradle, Bitbucket, Jira, Confluence, Hibernate, Mybatis, Grpc, Sqlite3, Gitlab CI/CD, Docker

### GovExchange Inc., Bangalore IN - *Chief Technology Officer*

FEB 2018 - DEC 2020  [Startup Size: 15] Domain: Equipment Disposition
Ratio: 70% PROGRAMMING 30% ADMINISTRATION

- Architect the platform and decide on the fundamentals of technology blocks that have to be used, helped management team visualize the product with available resources
- Responsible to build, manage and validate the tech roadmap for the products in play
- Mentor developers on reactive functional programming techniques
- Led and architected integration with Unison Global and Iron planet

  Key Tech: Java 11, Microservices, Vertx, Oracle, React js, EC2, S3, Spring Boot, Spring Stack, Maven, Gradle, Git, Hibernate, Mybatis, Grpc, Sqlite3, Gitlab CI/CD, Docker

### Teksystems, Bangalore IN - *Sr. Delivery Manager / Technical Architect*

MAR 2017 - DEC 2017  [Team Size: 15] Domain: Logistics,  Project: Werner Enterprises Carrier Portal
Ratio: 40% PROGRAMMING 60% ADMINISTRATION

- Mentored a team of 10+ developers, test engineers towards BDD style development
- Architected and led deliverables of 15+ spring boot based REST microservices with stringent WSLA and UI functionalities for various business functions in the product
- Responsible for Task planning/scoping, Backlog grooming, Sprint planning, Scrum management, Release management and in a few cases requirements gathering
- Responsible for complete deliverability of the team from designing, architecture, code quality, development practices and finally end of end delivery in all the environments.
- Responsible for hiring, firing, managing team and customer billing

  Key Tech: Java 1.8, React JS, Oracle, Elastic Search, Maven, Hibernate, Spring Boot, Spring Data, Javascript, Selenium, Jenkins, Cucumber, Junit, Sonarqube, JMS, JPA, SVN

### Fundsflo Inc., Virginia US (*Acquired by BahwanCyberTek*)- *VP Technology / CTO*

JUN 2015 - FEB 2017  [Team Size: 35] Domain: Whitelabeled Escrow Payment Platform
Ratio: 20% PROGRAMMING 80% ADMINISTRATION

- Led onsite & offshore product, qa, infrastructure, database, front-end dev, back-end dev and mobile-dev teams which included full time employees and vendor resources.
- As Engineering Head I architected & managed multiple integration projects with channel partners AMEX, Dominion Enterprises, Boats.com, Boattrader.com, Equipmenttrader.com, ATTUS watchdog solutions, LexisNexis, BB&T, Twilio and Transunion
- Managed yearly resource budget of 2.0 to 2.5 Million USD and implemented company wide ACH compliance security policies to obtain required ACH compliance certification
- Led the effort of technical reviews, technology demonstrations and presentations to venture capital firms to secure required investments.

  Key Tech: Java 1.4, J2EE, Microservices, Oracle Fusion Middleware, Oracle SOA Suite 11g, Oracle Service Bus, Spring MVC, Spring Integration, Spring Core, Hibernate, Oracle 10g/12c, Drools, Weblogic 11g, Maven, SVN, Git, MongoDB, AWS, EC2, S3

### **Fedbid Inc.,** Virginia US (*Merged with Unison Global Inc*.) - ***Director Software Eng.***

JAN 2013 - JUNE 2015  [Team Size: 30] Domain: Procurement Ecommerce & Reverse Auction
Ratio: 50% PROGRAMMING 50% ADMINISTRATION

- Responsible for migration of all the products to the AWS from Equinix data center
- Responsible for upgrading the platform from invoicing system to electronic settlement by integrating all the products with Payve, an Amex platform (Channel Partner).
- Responsible for setting up Devops processes using Jenkins, Sonarqube, Weblogic and Database Scripts
- Led and architected integration with FedBizOpps & Transunion
- Split the roadmap into quarterly chunks to define the OKRs

Key Tech: Java 1.6, Spring Stack, Active MQ, Weblogic 8/11g, EJB, JMS, JSR 168/268 portlets, Junit, Log4j, Webflow, Jquery, Javascript, Weblogic, JBoss, CVS, Oracle, EQ Data Center, Redis Cache, Axis2, Maven, Hibernate, Toplink, LDAP, Spring WebFlow

### **Fedbid Inc.,** Virginia US (*Merged with Unison Global Inc*.) - ***Sr. Software Engineer.***

JAN 2008 - MAR 2012  [Team Size: 30] Domain: Procurement Ecommerce & Reverse Auction

- The Fedbid Marketplace project involved building the next generation (monolithic to microservices) of the product from scratch to handle a volume of 300 TPS using a combination of horizontal, vertical scaling along with data sharding techniques.
- Designed and developed the back office application Fedboss  which involved migrating 100+ use cases from a non java platform and developing around 200+ new use cases to accommodate growing business requirements on stringent timelines.
- Developed Axis2 & SOAP based web service integration platform to process procurement requests from integration partner CGI Federal & Prism
- Designed and developed Symantec engine based scan server, NAS solution for attachment storage and HTML2PDF conversion services using pdfreactor.

Key Tech: Java 1.4/1.5, J2EE, Spring MVC, Active MQ, Weblogic 8/11g, EJB, JMS, JSR 168/268 portlets, Junit, Log4j, Webflow, Jquery, Javascript, Weblogic, JBoss, CVS, Oracle, EQ Data Center, Redis Cache, Axis2, Ant, Hibernate, Toplink

### **ODU Research Foundation.,** Virginia US - ***Research Engineer***

MAY 2005 - DEC 2007  [Team Size: 18] Domain: Computer Science Research

- Identified substance abuse trends in terabytes of retail petroleum loyalty data using Weka's data mining association rule learner toolkit at Outsite Networks acquired by PDI.
- Developed process model interoperability toolkit for conversion between Popkins, Igrafx, C3Trace and Rethink process models using JDK 1.4, Tomcat & Oracle at GDAIS for JFCOM
- Designed and architected 40+ JOFT SOAP 1.2 web services using  Apache Axis, Apache Jena and J2EE components at GDAIS for JFCOM
- Architected and integrated Jasper based reporting module into the open source product Centric CRM release 5 at Concursive Corporation

## Education

- *2005 - 2007 ODU, Virginia, US - Masters In Computer Science, GPA 3.75*
- *2000 - 2004 VTU, Bangalore, IN  - Bachelors In Computer Eng, GPA 3.80*
- *1998 - 2000 MES College, Bangalore, IN Pre-University*
- *1995 -  1998 VVS Sardar Patel, Bangalore, India, Secondary Schooling*

## Publications

- *Innovations in Process Modeling as Applied to JFCOM (Spring SIW 06S-SIW-015)*
- *Tools for reuse of HUMS architecture: A Survey Digital Avionics & Systems (IEEE DASC 05)*