NAVDEEP GARG

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Summary

- **Around 8 years** of experience as lead developer and designed, developed, delivered backend applications and microservices in the banking, management and information system, and office automations.
- Experienced in architecting and building distributed, highly available and scalable systems.
- Ability to deliver results under pressure with strict timeline, assess risks and provide quick resolutions to showstopper issues.

Skill Highlights

- Java (Advance), Python
- Spring MVC, Spring Boot
- JDBI, Hibernate
- ReactJS, JSON, REST, SOAP
- Oracle 11g, MySQL, PostgreSQL 9.5, Mongo DB
- Apache Storm, Tomcat
- Maven, Docker, git
- SDLC– Agile and Waterfall

Experience

Scientist May 2016 – Present

- Design and Development of ISRO/DOS PFMS Web Services Interface System (**IPWS**)-IPWS is backend process that processes input XML requests received from ISRO-DOS Accounting system and validate it before sending it to Public Financial Management System (PFMS) web services consumption system for obtaining desired responses
- Developed the comprehensive Management Information Systems (MIS) for URSC.
- Published a technical paper on '**e-Governance** Initiative in URSC - Automation of various Government-to-Employee (G2E) Services'.
- Enhanced the ISRO-DOS Accounting system to cater the current requirements of the system.
- Enable Office Automations in working area to encourage Go-Green (**Paperless**) activities
- Satellite Realization Tracker and Scheduler- Web based Software to schedule and capture the total process from Schematic to Satellite (**S2S**) realization directly from the various entities involved using Work Breakdown Structure (WBS). It provides an interface to the Core ISRO ERP software for the satellite realization information and also allows to define a multi-level realization process with schedules for any activity for the satellite sub system. It is an invaluable feature that gives an overview of the project and its progress, so the management can act quickly if there is indication that the project is going off-schedule and to provide transparency in the project.
- **INSAT-3DR** Telemetry Data Acquisition and Processing System: Redesign and upgrade of real-time telemetry frame processing module of INSAT-3DR imager/sounder. Improved the system performance by 40%.
- Developed a prototype model of an Integrated **MIS system** to integrate all centres' data.

- **Systems Engineer - Tata Consultancy Services -Dec-2012 to 2016**

Education

Ambedkar Institute of Engineering and Technology Delhi
Bachelor Of Technology in Computer Science, 2008-2012 and secured 79.12%

Work Integrated Learning Program-BITS Pilani
Bachelor Of Technology in Computer Science, 2018-2020 and secured GPA: 8.43/10