SHARAN PRAKASH BABU
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EDUCATION

Illinois Institute of Technology   **Chicago, May 2017**
Master of Science in Information Science and Management (Candidate) (GPA: 4.0/4.0)
- **Relevant Coursework:** Advanced Database Management Systems, Service Oriented Architecture, Advanced Software Programming, Data Analytics, Data Warehousing

Visvesvaraya Technological University   **India, June 2010**
Bachelor of Engineering – Information Science and Engineering

TECHNICAL SKILL

- *Programming Languages*: Java, JavaEE, Android, R
- *Methodologies*: Agile / Scrum
- *Databases:* Oracle, MySQL, MongoDB
- *Build and Release:* Maven, Grunt, Jenkins
- *Frameworks:* JSF, JPA, Spring
- *Source Control:* Git
- *Testing:* JUnit, Selenium, TestNG
- *Web Technologies:* HTML, CSS, JavaScript, Node.js, Socket.io, Bootstrap, Express

PROFESSIONAL EXPERIENCE

Pradhan Group   **India, 2012 – 2015**
Software Engineer
- Designed and developed various modules of the application with Java Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.
- Used Hibernate in persistence layer and developed POJO's, Data Access Object (DAO) to handle all database operations.
- Developed a tool for centralized control over master data, i.e. aromatic chemicals, perfume formulations, to increase organizational efficiency
- Performed root cause analysis and rectification of application issues to ensure business requirement.
- Responsible for integrated testing and ensuring that results are documented and reviewed with Quality Assurance teams.
- Developed code enhancements to accommodate new business requirements.

Tata Consultancy Services   **India, 2010 – 2012**
Systems Engineer
- Production Support for BigW, a division of Woolworths Australia. BigW is a General Merchandise retailer which has 180+ stores across Australia
- Played a key role in overhauling and revamping application solution for a major Australian retailer.
- Collaborated with the core team to implement automated replenishment system for store and distribution centers.
- Automated repetitive reports using UNIX scripts, reducing the inflow of business service requests by 10%

PROJECTS

- **Aromatic Accord Management** application to manage perfume formulations. (MVC Architecture, JavaEE, JSF, JPA, JUnit)
- **Employee Shift Management System** (MVC architecture, JavaEE, MySQL and JUnit)
- **Music Queuing Web Application** a real-time queuing web application (MongoDB, Express, Node.js, Socket.io)
- Built an **Ensemble Product Classification** model using Data Mining Techniques (WEKA and R)
- Designed and implemented a **Data Mart** with DDL Scripts, functional jobs and transformations for building dimensions and fact table (MySQL and Pentaho)
- Calculate **Page Views** using MapReduce and Secondary Sort (Hadoop Distributed System, Java)
- Document **Parsing and Text Analysis** of Company SEC filing to compared trends of CEO's salary, stock awards and options awards with the company's overall performance

EXTRA CURRICULAR

- Illinois Institute of Technology | Spring 2017 | Teaching Assistant – Service Oriented Architecture
- Illinois Institute of Technology | Fall 2016 | Teaching Assistant - Database Security
- Member of Student Library Advocate for Paul V Galvin Library at Illinois Institute of Technology