

SHARAN PRAKASH BABU

Chicago, IL | sharanps@gmail.com | (206)-849-6595 | [LinkedIn](#) | [GitHub](#)

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
- **Extra Activities:**
 - Teaching Assistant for Service Oriented Architecture (Spring 2017)
 - Teaching Assistant for Database Security (Fall 2016)
 - Student Library Advocate (Fall 2015 – Present)

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, JQuery

PROFESSIONAL EXPERIENCE

Pradhan Group

India, 2012 – 2015

Software Engineer

- Designed and developed various modules of the enterprise application used to support various business operations across different verticals with JavaEE, Spring
- Practiced Agile development practices using SCRUM process
- Developed Data Access Object (DAO) to handle all database operations and used Hibernate in persistence layer
- Developed a tool for centralized control over master data, i.e. aromatic chemicals, perfume formulations, to increase organizational efficiency and increased business net margins by 8%
- Executes test cases and implementation of automation test framework, using tools like Eclipse IDE, Selenium WebDriver, FireBug, and TestNG.
- Performed root cause analysis and rectification of application issues to ensure business requirement
- Developed a cost-effective warehouse for analyzing business verticals and divisions

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 App** (fatrat.club) 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