

SHARAN PRAKASH BABU

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EDUCATION

Illinois Institute of Technology

Chicago, May 2017

Master of Science in Information Science and Management (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
- *Methodologies:* Agile / Scrum
- *Databases:* Oracle, MySQL, MongoDB
- *Build and Release:* Maven, Grunt, Jenkins
- *Frameworks:* JSF, JPA, Spring, Hibernate
- *Source Control:* Git
- *Testing:* JUnit, Selenium, TestNG
- *Web Technologies:* HTML, CSS, JavaScript, Node.js, Socket.io, Bootstrap, Express

PROFESSIONAL EXPERIENCE

Pradhan Group

India, Dec 2012 – June 2015

Software Engineer

- Implemented and Executed Test Automation Framework for Functional and Web Service API testing using Selenium WebDriver and TestNG
- Coordinated with cross-functional team to facilitate Test Plan and Test Case Reviews
- Debugging Test Failures closely with Development Teams
- Using Pull Request model for check in, followed as a best practice by our team using Github
- Created detailed Test Scripts based on Requirement Documents
- Integrated Automated Test Scripts into Jenkins
- Experienced in working under Agile methodology
- Experienced in performing cross browser testing using third party API
- Reduced regression effort during release process by Automating Build Acceptance, Feature and Regression Tests
- Ran all automated tests on pre-prod environments prior to release and manually sanity tested in stage environments once release candidate is ready

Tata Consultancy Services

India, Nov 2010 – Nov 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)
- Document parsing and Text Analysis of Company SEC filing to compared trends of CEO's salary

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