

SHARAN PRAKASH BABU

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SUMMARY

Detail-oriented Software Engineer with hands-on experience in designing and building applications. Multilingual programmer with a zeal to quickly learn and master new technologies. Passionate and persistence about solving problems and provide the best and most practical solution. Effective presentation and communication skills, and works well within a team environment.

TECHNICAL SKILL

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

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, Data Mining

Visvesvaraya Technological University

India, June 2010

Bachelor of Engineering – Information Science and Engineering

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 using R

PROFESSIONAL EXPERIENCE

Pradhan Group

India, 2012 – 2015

Software Engineer

- Worked through the lifecycle of software development, playing all required roles from business analysis, design, development and testing.
- Developed multiple web applications using Java, JavaScript frameworks and integration of HTML5 UI with Java business logic for service based implementation of web application
- 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.
- Developed code enhancements to accommodate new business requirements.

Tata Consultancy Services

India, 2010 – 2012

Systems Engineer

- 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%

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