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N A V E E N R A J   P A L A N I S A M Y

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800 W, Renner Road, Apt 3424. Richardson, Texas 75080

Master of Science	The University of Texas at Dallas	January 2016 – Present
		GPA: 4.0/4.0

- Master of Science in Computer Science
- Graduate Coursework: Machine Learning, Database Design, Object Oriented Analysis and Design, Statistical Methods for Data Science, Big Data Management and Analytics, Natural Language Processing

Bachelor of Technology	College of Engineering Guindy	August 2009- May 2013
		GPA: 8.28/10

- Bachelor of Technology in Information Technology

TECHNICAL SKILLS

- Programming Languages: Java (Core, EE, Servlets, Spring and JDBC), Python, R, C, C++
- Web Technologies: HTML, CSS, PHP, JavaScript, JSP, JSF, Servlet, Spring, Hibernate, MEAN stack (Mongo DB, Express, Angular and Node JS)
- IDE and Tools: Eclipse, R Studio, Photoshop, SQL Developer, Android Studio
- Database: Oracle, DB2, PL/SQL, MangoDB (NoSQL)
- Scripting Language: UNIX Shell Scripting
- Big Data Technologies: Scala, Spark, Hadoop, MapReduce
- Machine Learning, Android Development

EXPERIENCE

Research Assistant	The University of Texas at Dallas	May 2016 - Present

Software Developer at Data Analytics and Performance Management Laboratory

- Working with TL9000 (Quest Forum) certified accreditation and certification bodies for deploying web applications
- Using MVC architecture primarily Spring and Hibernate Framework for designing. Front end using JSF and JSP and MySQL as backend
- Obtained **Research Assistant Scholarship** for outstanding contribution.

Applications Engineer	Oracle	June 2013 – December 2015

PeopleSoft

- Involved in development of NUI (New User Interface) and developed fluid version of Strategic Sourcing module.
- Developed Supplier 360 project for financial module and worked on various modules of PeopleSoft (PO, AUC, GL, AR, EPRO, SPRO)

TECHNICAL EXPERIENCE

Academic Projects

- **Song Recommendation and Classification Engine** (Feb - April 2016). Recommend songs based on the song being played and also song genre can be identified. Implemented using **Machine Learning** Algorithms and **Python**
- **EventIT- Event Management** (March – April 2016). A one stop event repository that helps people to know about the various events happening in and around their neighborhood. **J2EE.HTML, CSS and design patterns**
- **Super resolution mapping of land cover maps** (January-April 2013). Research project which helps to get maximum accuracy classification in satellite image using SPSAM and PSO algorithms. **MATLAB**

Hobby Projects

- **MEAN Stack:** Free and for Sale, Ecommerce site to sale used goods
- **Android Application:** Tic Tac Tao and Learn Alphabets

ADDITIONAL EXPERIENCE AND AWARDS

- **Star Performer** PeopleSoft SCM (Supply Chain Management) for Q4 2013-2014 and Q2 2015-2016
- **Spot Award Winner** from PeopleSoft FSCM Vice President for developing My Sourcing Events enhancement.
- **Core Member** of ITRIX-13 Department Symposium of Information Technology, CEG
- **Camp Secretary** of Youth Red Cross, organized two annual camps and volunteered social service activities.