

PRADEEP RAJA MOHAN

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EDUCATION

Master of Science, Information Technology and Management (GPA :4.0)

Expected: Dec - 2017

Illinois institute of technology, Chicago, IL

Bachelor of Technology, Information Technology (GPA: 3.8)

May - 2015

Anna University, Chennai, India

TECHNICAL SKILLS

Programming Languages : C, C++, Core JAVA, Python | **Big Data** : Apache Hadoop, Apache Sqoop, Apache Hive, Map Reduce, SAS, Tableau | **Database Technologies** : Oracle, MySQL, Microsoft MS-SQL, Mongo Db, MS Access, PL/SQL | **Web Technologies** : JavaScript, Angular JS, HTML5, CSS3, PHP, AWS, XML, JSON | **IDE/ Special Tools** : Eclipse, Visual studio 2013, IIS Net beans, MS Visio, Selenium, Git | **Mobile App Platforms** : Android SDK, Android Studio | **CMS** : WordPress | **Web Service Protocols** : REST, SOAP | **Operating Systems** : Linux, Windows.

EXPERIENCE

Metarvrse Technologies (Chennai, India)

March 2015 - December 2015

Program Analyst Trainee Intern

- Worked closely with a team of back end developers and animators, developing front-end tools in Java for interfacing the backend AR/VR content with the front end streamer.
- Developed a module in 'AR-VR REALITY' an Augmented virtual reality application and scheduler functionalities in Java script.
- Technologies used: Java spring Framework, SQL, HTML CSS, PHP

ACADEMIC PROJECTS

github.com/mpradeep1994

CHOICE APP (ANDROID APP)

May - 2013

- An app in which I contributed working as a developer out of a four-member team. An Android quote app which helps a user in making decisions out of choices and also displays quotes for each decision made. Uses Java based coding and Immersion Haptics. It is currently available in Google Play store.

ISSUE TRACKING SYSTEM - (CRM)

July – 2014

- It is a web based application developed for customer relationship management(CRM). It deals with how a customer complaint is processed stage by stage under the control of managers over to the assigned employee. It has various algorithms involved to synchronize and store customer service details.

BIO-METRIC BASED AUTHENTICATION IN ATM

January - 2015

- It is an implementation of a highly secured transaction in ATM by using the Iris image of the individual to process the transaction. It also makes use of Public Key Infrastructure (PKI), MD5 hashing, client and server side validations. This concept was sponsored by the college to implement this project in real time. It was also awarded the best project of the year. This project was developed over the .NET platform which involves digital image processing for parsing the iris image for authentication and interfacing the devices to run for the project.

BANKING CONSOLE

January – 2016

- Created a banking application completely using Java and JavaFx for visualization. Many analytical methods were used to analyze the historical data provided by the source. It has CRUD functionalities in it based on the user roles. I used the MVC pattern to design the console. Data was made live and immediate push notification occurs on each trigger set by the user.

CERTIFICATIONS

- **Hadoop Developer** from FITA Training & Educational Services – Used Twitter and Facebook API for sentiment analysis.
- **EMC² Certified academic associate, cloud infrastructure and service.**
- **IBM Certified DB2 academic associate.**
- **Microsoft Certified Solution Associate** on Windows Server 2008
- **ITIL v3 Foundation** certificate on IT Service Management.
- **Oracle Certified Java SE6 Developer**
- Certified by the University of Cambridge for **Business English (BEC - Vantage level)** examination.

PUBLICATION

- Presented and published paper titled “Identifying and Optimizing Data Duplication by Efficient Memory allocation in Repository by Single Instance Storage” in IRAJ. **ISBN : 978-93-85465-30-7**