Nandith Reddy Malapati

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[LinkedIn](#) | [GitHub](#)

PROFILE SUMMARY:

- Developed Web Applications using **LAMP, MEAN, HTML, CSS, Bootstrap, JavaScript, jQuery and Ajax**
- Data visualization and analysis using **D3.js, Google charts, Vega Lite, R**, **Tableau**
- Movie Recommendation, Spam Detection and Aggression detection Using **Machine Learning, Python, Android**
- Experience in developing applications using **Core Java** & **Object-Oriented Concepts**
- Knowledge in **Database design**, Entity relationships, Database analysis, Packages and Triggers
- **Analysis of SQL queries** and optimizing performance through modifying table design and application code
- Expertise in **scripting dialects** on both client and server side
- Experience working with **Databases (MySQL & Oracle)** and **Agile Software Development**
- Familiar with version control tools, especially **Git** and **SVN**

EDUCATION:

Master of Science in Computer Science, Old Dominion University, Norfolk, VA US	**May 2018**
Bachelor of Technology in Electrical and Electronics, JNTU, Hyderabad, IN	**May 2014**

SKILL SET:

Working Proficiency	Experienced	Intermediate	Beginner
MEAN,LAMP, Python, jQuery, JavaScript,SQL,HTML5,CSS3, Bootstrap	D3.JS, Vega-lite, Git, SVN, Docker	Java, R, WEKA, Tableau, Android App Development, Mongo DB	Spark, Hadoop, Big Data, Machine Learning

PROFESSIONAL EXPERIENCE:

Student Web Developer, Information Technology Services   **Aug. 2016 – Present**
- Developed and Designed Web Applications for the University to improve the usability index(**LAMP, JavaScript, jQuery**)
- Designed several Survey Apps which includes the statistical analysis of data (**D3**, **R** and **Tableau)**
- Developed and enhanced a project named **Timestamp Summarization** for visualizing timestamp changes over time **(Node.js, D3.js, Bootstrap)**
- Researched and implemented a project called Agi-tech to detect person's aggression(**Android, Python, Machine Learning, D3.js)**

Executive Software Engineer, EBS, Chennai IN   **Nov. 2015 - June 2016**
- Designed and Developed Web Applications for Payment gateway services using **PHP, HTML, CSS and JavaScript**
- Designed the tool to generate the logs for the various errors generated at the time of payment gateway integration.
- Implemented Hashing techniques to encrypt the data provided to the gateway thereby improving the security and enhancing the revenue of the company by 0.2 million USD per year.

Programmer Analyst, Cognizant Technology Solutions, Chennai, IN   **Dec. 2014 - Sep. 2015**
- Implemented Contract Management System with an interface for admins and users (**PHP, JavaScript, SQL, HTML ,CSS**)
- Designed and Developed database model for the HR portal of cognizant and responsible for the testing of various use cases.
- Responsible for enhancement of modules for managing employees and payments which improved the usability index of the site by 20%.

Academic Projects:

- Designed and developed a course project **"Stud-Collab"** a collaboration tool similar to Slack using **LAMP, jQuery, JavaScript, AJAX**
- Designed and developed a course project "**Movie Recommender"** that recommends the movies based on the movie rating of IMDB according to the director or star cast using **Python, D3.js, Vega lite, HTML and CSS**
- A course Project in Artificial Intelligence for the detection of "**Spam Messages"** using Artificial intelligence and Neural Networks using **Python**
- Implemented a course project in **Data Mining** to assess a student's risk of failing. (**Python, WEKA**)
- Implemented a **Movie Recommendation** engine using using collaborative and content filtering **(Python)**

LEADERSHIP:

Vice President, Indian Student Association, Old Dominion University, Norfolk, VA   **Jan. 17 – Present**
- Organized various events in ODU that promoted cultural integrity and established the idea of one ODU.
- Created several regulations and played key role in forming the constitution of student body organization.