**DIVAKAR DASS**

E-Mail: divakardass@yahoo.com

Phone: +918904117464

[http://www.divakardass.com](http://gautamjeyaraman.com/)

**PROFESSIONAL SYNOPSIS**

* A full stack developer with 2.5 **years** of rich experience in managing complex, multi-functional projects encompassing planning, architecting, requirement analysis, design & development, testing, deployments, implementation and maintenance.
* Ability to extract insights from unstructured data using Natural Language Processing and Machine Learning.
* Accomplished completion of significant projects including DisQuery, CollabLayer.
* Skilled in various Web Technologies, Machine learning frameworks, Natural Language Processing frameworks, Visualization frameworks and Big Data Frameworks.

**ORGANIZATIONAL EXPERIENCE**

**Tataatsu Idealabs, Bangalore**

**October'17 till date**

**Full Stack Developer**

**ACADEMICS**

**B.Tech in Information Tehnology (2008-2012)**

**7.43 GPA**

**Velammal Engineering College(Anna University), Chennai**

**12th Grade with Maths, Computer Science, Physics and Chemistry (2007-2008)**

**Overall score of 86% with 100% in Maths**

**Sri Vijay Vidhyalaya Matric. Hr. Sec. School(Boys), Dharmapuri**

**10th Grade with Maths, Computer Science, Physics and Chemistry (2005-2006)**

**Overall score of 76.45%**

**Bharath Matric. Hr. Sec. School, Krishnagiri**

**PROJECTS**

**DisQuery** (Tataatsu Idealabs)

Disquery is an NLP Analytics Engine. It extracts semantic signals and identifies patterns from unstructured text. Disquery is extensible to domain specific text processing needs. Ingesting data from various data stores, extending processing pipeline with custom classifiers or feature extractors, notifying events of significance to downstream workflows or decision making systems, all aspects have been designed for real-world integration and deployment needs.

**Role:** Full Stack Developer

**Duration:** December 2013 till date(1 year)

**Team Size:** 4

**Website:** <http://www.tataatsu.com/home/disquery>

**Responsibilities:**

* Analyzing the customer's problem and dataset, for what kind of insights can be extracted from the content and suggesting various solutions
* Developing classifiers, language processors, ingestion pipelines and various other components to make the engine parse through large data corpuses and extract data, in production
* Visualizing the insights with interactive visualizations, based on what will be intuitive and usable to the customer
* Displaying the contents as a dashboard and deploying them as a web application so that the customer can see his insights in real-time as the data flows

**Technologies Used:**

NLTK, Scipy, Scikit-Learn, Gensim, Storm, Neo4J, ElasticSearch, RabbitMQ, D3, AngularJS and many other frameworks

**CollabLayer** (Tataatsu Idealabs)

CollabLayer is an app to help collaborate around documents/images with teams, customers and partners in real-time. It is a web tool to augment context-aware real time collaboration and discover insights from unstructured data.

**Role:** Full Stack Developer

**Duration:**  October 2012 to December 2013

**Team Size:** 6

**Website:** <http://collablayer.com/>

**Responsibilities:**

* Developing responsive, real-time, single page user interface for the webapp as well as mobile apps
* Designing and implementing server side api and framework for various features
* Preparing deployment scripts, writing tests and building custom web analytics to make the product fully automated
* Interacting with customers and suggesting new features or changes to the team

**Technologies Used:**

Backbone.js, Pdf.js, D3.js, Jquery, Bootstrap, Cyclone Web Server, Twisted, PostgreSQL, RabbitMQ, Redis, Nginx, Java REST services, Fabric, Elastic search, Neo4j, Android and many more frameworks

**TECH****NOLOGIES I USE**(other than what is mentioned already in my projects)**:**

Languages: Java, Python, Javascript, HTML and CSS

Developer Tools: Git, Vim, different IDEs based on the language and framework, etc.

Big Data Processing: Hadoop, Spark, etc.

Machine Learning and NLP: Weka, LingPipe, OpenNLP, RAKE, R, Octave

Operating Systems: Windows, Linux and Mac

I also like to play around with various new technologies and frameworks.

**PERSONAL INFORMATION**

* Name: Divakar Dass
* Address: 1/272, Amman Nagar,

Krishnagiri – 635001.

* Date of birth: 11/10/1991
* Sex: Male
* Website and blog: [http://divakardass.com](http://gautamjeyaraman.com/)
* Email ID: divakardass@yahoo[.](mailto:gautamjeyaraman@gmail.com)com
* Phone Number: +918904117464
* Nationality: Indian