

# Anand Sainath

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## PROJECTS

**Collaboration in Tableau** React, Redux, Typescript, HTML, CSS

Front end engineer enabling collaboration between multiple people on visualizations rendered in the Tableau server.

**Tableau Mobile** Android, Xamarin, Reactive Extensions

<https://play.google.com/store/apps/details?id=com.Tableau.TableauApp>

Lead the initial exploration for the development of the Android application for Tableau Mobile. Important member of the team that delivered the first fully native Android application to the Play Store in June '16. Also actively involved in recruiting for the company.

**Search - Evernote** Android, SQLite

<https://play.google.com/store/apps/details?id=com.evernote>

Responsible for the overhaul of the Search feature on the Evernote for Android (v6.0) app. Changes included a complete re-theming of the existing interface and adding features like search grammar parsing and extending the offline search capabilities

**Jigsaw** Java, Swing

<http://www.cc.gatech.edu/gvu/ii/jigsaw>

Jigsaw is a visual analytics system to help analysts and researchers make better sense of document collections. Resonsponsible for development of a few features and maintenance of the system.

**ListView - Jigsaw (Master's Project)** Python, AngularJS, D3.js, MongoDB

<http://www.iilabgt.org/listview>

Inspired from Jigsaw, I implemented the first version of the List visualization for the web. It provides a way to explore connections between categorical attributes or variables of a data collection.

**Crime in Atlanta and Routes of Safe Passage** PHP, PostGreSQL, D3.js, jQuery

This project had a used a novel approach of visualizing crime information along a route instead of plotting it as a heatmap. Designed and implemented the visualizations as a part of a 5 member team.

**Sports Visualization in Golf** PHP, MySQL, D3.js, jQuery

Researched how visualizations could be generated from golf data from the various PGA tournaments. Implemented the backend framework and the visualizations as a part of the research project.

**Cricket Pro & Wordprep Flashcards** Android

A couple of apps that were developed under the banner of !Works which were available on the Google Play Store. There were over 250,000 downloads of the apps and over 2000 reviews combined. I was the primary application developer in a team of 2 people.

**RightCar** PHP, MySQL, jQuery

<http://www.rightcar.com>

Comprehensive portal for buying new and used cars in India, consisting of a system that could determine the current market value of a used car. Being a founding engineer, I was responsible in implementing some of the core functionalities of the product. I was also actively involved in the recruiting and mentored a junior in mobile app development.

## EDUCATION

**M.S. Computer Science**

Specialization in Visual Analytics  
Georgia Tech (2015) | GPA 4.0

**B.E. Computer Science**

SSN College of Engineering (2010)  
Ranked 27/14510 in the department

## WORK EXPERIENCE

### TABLEAU SOFTWARE

Software Engineer  
May '15 - Present | Palo Alto, USA

### !WORKS

Co-Founder & Application Developer  
Jun '10 - Aug '15

### GEORGIA TECH

Graduate Research Assistant  
Aug '13 - May '15 | Atlanta, USA

### EVERNOTE

Software Engineering Intern  
May '14 - Aug '14 | Redwood City, USA

### BRIOSYS

System Architect - Software  
Sep '11 - May '13 | Chennai, India

### ARICENT GROUP

Software Engineer  
Aug '10 - Sep '11 | Chennai, India

## SKILLS

### PROGRAMMING

Java, C#  
Python, PHP  
React, Redux, Typescript  
D3.js, jQuery, AngularJS, JavaScript  
Reactive Extensions  
Android, Google Glass  
Xamarin

### DATABASES

MySQL, PostGreSQL, MongoDB

For the complete list of projects, please refer my LinkedIn profile