

# SREEJITH R

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**I'm a kickass Python engineer by day. Go is my mistress at night.**

## Work Experience

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**MQuotient Solutions, Pune | Software Engineer**

**Aug 2013 – Present (2 years)**

Worked on our flagship product; GlyphX (<http://glyphx.net>), an app to extract data from handwritten documents. I worked on Django with MongoDB and Redis in the backend.

Some of the challenging problems I've solved here are:

- Led and shipped the revamped data model for the v2.0 release.
- Rewrote the complete authorization and authentication mechanism with a MongoEngine backend in a tight timeframe of 3 weeks.
- Improved street-address prediction accuracy by almost 15% using a Bayesian algorithm.
- Implemented a workflow scheduler

## Skills

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**Proficient in:** Python, Django, Go

**Confident in:** HTML, CSS, React.JS, Shell scripting

**Editor:** Emacs for life!

## Open Source

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- Openage (<https://github.com/SFTtech/openage>); Free open source clone of the Age of Empires II engine.
- Lakhu; A SQLite wrapper for React Native.
- Goutube; Go library to extract Youtube video download links.

## Hobby Projects

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- Working on a delta wing remote controlled plane with Depron as building material.
- **Gyrojoy**; Control mouse pointer using your phone's gyro. Written using Go and Javascript.
- **IntelligentMapMiner**; Extract street addresses from Google Maps. Uses rudimentary OpenCV with a webserver written in Flask.

## Education

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B.Tech, Computer Science Engineering, NSS College of Engineering, India

2009-2013

## College Projects

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- **Trend Tracking in Wikipedia statistics using Map Reduce with Apache Hadoop:**

Extracts page view trends from raw Wikipedia datasets in a Hadoop cluster (Python API)

- **Neural Networks assisted Self-driving car using Android & Arduino:**

Employed a basic neural network which uses visuals broadcasted from an Android camera to issue commands to the car through an Arduino board.

## Details

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Date of birth : 18/11/1990

Sex : Male

Languages : English (native proficiency), Malayalam (native proficiency), Hindi (second language)

## References

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