

# Saranya Velusamy

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## Technical Skills

**Worked On** Python, Django, REST Architecture, git, Mercurial, Atom, vim, Javascript, HTML, Bash, Linux

**Familiar** AngularJS, PostgreSQL, Google Geocoding API, C, RabbitMQ, Redis, Sublime, MySQL, .NET

## Experience

### Kube Cuisines

Trivandrum

FREELANCE DEVELOPER

Jan. 2016 - Jun. 2016

- Worked as Test Engineer for an internal application written in Django, Celery stack.
- Wrote reporting APIs for AngularJS based client app.

### Bucket List Tracker

Bangalore

FULL STACK, OPEN SOURCE CONTRIBUTION

May. 2016 - Exp. Jul. 2016

- Wrote RESTful APIs with token based authentication and OAuth 2 with 100% test coverage.

### NextDrop Smart Water Systems

Bangalore

SOFTWARE ENGINEER

Jan. 2015 - Nov. 2015

- Played a key role in data modelling and building data analytics dashboards.
- Geo-located 80% of customers with Indian addresses with accuracy of more than 60% and structured address components from a single string.
- Implemented a new acquisition channel for new customer registration and a new feedback channel using USSD for interacting with non-smart, text based and feature phone devices.
- Implemented OpenDataKit based data collection for 95% of collected data and processed for Django, greatly reducing errors and helped in efficient use of manpower.
- Wrote API endpoints for analytics and reporting dashboards.
- Wrote test cases for automated testing in various existing projects to help with Continuous Integration.

### Karunya University

Coimbatore

SOFTWARE ENGINEER INTERN

Jul. 2013 - Jun. 2014

- Part of a team which developed a web based Network Management System for the University which managed Internet connectivity in campus and residences.
- Developed configuration generator for various Linux based network services.

### Karunya University

Coimbatore

ACADEMIC PROJECT

Dec. 2012 - Apr. 2013

- Developed a Trusted Third Party Audit for Cloud Storage Services which mainly analyzes the problems in current cloud storage, mainly in the area of data integrity using a Third Party Auditor.

### Visiware Technologies

Chennai

BACKEND DEVELOPER

May 2012

- Worked in a team which developed a module called "Ultra Laboratory Utensil" in C# for a live Hospital Management software.

## Education

**Karunya University** B.TECH. IN INFORMATION TECHNOLOGY 2009-2013

Coimbatore, India

- Cumulative Grade Point Average: 7.89

## Interests

- Technology, Travelling, Photography, Application & Web Programming, Social Service, Animation, Visual Effects, Reading Books, Archeology, History, Music & Culture.