Ratnadeep Debnath

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Summary

I am a Free and Open Source Software contributor and evangelist. I am the creator and maintainer of Waartaa (https://www.waartaa.com), an open source communication and collaboration tool for humans. I usually make web apps using Python/Django, however, lately, I have been working a lot with MeteorJS, for building Waartaa, and Ansible for provisioning servers for Waartaa. When I am not working on Waartaa, I also contribute to The FedoraProject and Mozilla. I work at https://www.goibibo.com as a Senior Software Engineer. At work, I write intuitive, maintainable, scalable web apps using Python/Django. In my free time, I get my hands dirty with some devops stuffs, as well.

Goals

Use my skills to create open and transparent solutions to help make the world a better place.

Experience

Senior Software Engineer at Ibibo Group Pvt. Ltd., May 2014 - Present

Infrastructure plumbing, and heading telephony and CRM tools development

- Built an intelligent IVR framework
- Creating and integrating tools to improve CRM workflow
- Sentry integration
- Gitlab maintenance and upgrade
- Creating and maintaining Vagrant boxes for various Goibibo products
- Write deployment scripts in Ansible and suggested migration from bash to Ansible for deployments
- Evaluated Eucalyptus cloud, Mesosphere, etc. for revamping the infrastructure at Goibibo

Software Engineer at Ibibo Group Pvt. Ltd., February 2013 - April 2014

Web development for Goibibo

- Created a framework to automate handling of updated flight/travel info from Amadeus Queues and notify users on the same.
- Built ticket change (cancellation, rescheduling) API to enable seamless ticket change from web and mobile platforms.
- Worked with improving and writing new parsers for Goibibo flights
- Built application for Goibibo Go, a dynamic travel packaging product.

Software Developer and QA at Transifex , September 2011 – January 2013

At Transifex, I developed new features, enhanced existing ones and implemented support for various i18n file formats. I also wrote tests to ensure that things run as they are expected to. User support, bug triagging and bug fixing were also part of my job. At Transifex, we constantly innovated to take localization to the next level. Below are a few things(among many) that I had worked on at Transifex:

- Implemented and enhanced file format handlers.

- Implemented Glossary feature.

- Implemented *related tag cloud*.

- Implemented translation strings API.

- Implemented languages API.

- Implemented a super fast test suite.

- Fixed and updated tests.

- Bug-triagging & bug-fixing.

- Handled user queries and bug reports at support.transifex.com and over live chat at Transifex.

Summer Intern at Transifex , June 2011 - August 2011 (3 months)

It was an awesome experience to work as an Intern at Transifex. I got introduced to a plethora of new technologies all of a sudden. I went through a steep learning curve and finally it paid off. I contributed to Transifex, increased test coverage for Transifex, fixed bugs, added support for new i18n file fomats. I also worked on implementing new features for Transifex, like, Glossary, tag assignment, etc.

Interests

FOSS, Web development, Fedora, Scaling, Analytics, Infrastructure management

Skills

Python, Django, MeteorJS, JavaScript, jQuery, Testing, CSS, HTML, AJAX, Linux, Ansible

Projects

- Waartaa, an open source communication and collaboration tool

- Bugfixes for Fedora Infra

- Bugfixes and new features for for Firefox

- Bugfix for Django

- Upstream contribution to Transifex

- Bugfixes and feature development for Pontoon

- django-pontoon-hook, a hook for Django applications to use Pontoon for localization

- Bugfix in nose-progressive

- pywebcrawler, a simple web crawler written in Python.

- wordGroupz, a vocabulary building app designed using Python and Gtk

- WordCollections, a desktop tool for building glossary for localization

- FedX, a tool for syncing, configuring Fedora offline repositories
- Feature development in Kettu
- Bugfixes and feature development for Askbot

Education

- **Bachelor of Technology**, Computer Science & Engineering from Dr. B. C. Roy Engineering College , 2007 – 2011 (DGPA/CGPA: 8.4)
- **AISSCE** from Gurukul Grammar Senior Secondary School, 2007 (Aggregate: 83.8%)
- **HSLCE** from Bongaigaon High School English Medium, 2004 (Aggregate: 87%)

As a speaker

- **Software Freedom Day**, Kolkata, 2009
- **FUDCON**, Pune, 2011
- **Mukti, 2012** (NIT Durgapur's FOSS Tech. Fest), 2012
- **FUDCON, Kuala Lumpur**, 2012
- **Pycon India**, 2012
- **Pycon India**, 2013
- **Flock**, Prague, Czech Republic, 2014
- **DGPLUG** 10 years meetup at NIT Durgapur, 2014

References

- **Sankarshan Mukhopadhyay**, Engineering Manager at Red Hat, sankarshan.mukhopadhyay AT gmail DOT com
- **Kushal Das**, Fedora Cloud Engineer at Red Hat, kushaldas AT gmail DOT com
- **Dimitris Glezos**, CEO, Transifex, glezos AT transifex DOT com
- **Runa Bhattacharjee**, Language Engineering QA and Developer Outreach, runa.misc AT gmail DOT com