

Phalgun Guduthur

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http://phalgun.in

Web hacker interested in startups and FOSS.

I like building products that people actually use. I usually work on backend services and know my way around HTML & JS as well.

Technical Skills

Like: python, java, html, javascript, mysql, rest, git, geolocation

Experience

Backend Developer—SignEasy
python, php, amazon-web-services, git, jenkins

February 2014 - Current

DevOps

- Revamped the backend file storage with zero downtime from plain EBS to a RAID1 architecture with S3 as emergency storage.
- Restructured the deployment processes followed by incorporating git and Jenkins

Dev

- Owned the backend API powering the SignEasy mobile clients along with the auxiliary scripts required to keep the service running

Customer Support

- At times took on the responsibility of responding to customer queries.

HR

- Helped screen applicants through telephonic and personal interviews

System Software Engineer—Akamai Technologies

July 2012 - January 2014

java, rest, javascript, html, jersey, hibernate, python, junit, mockito, elasticsearch, logstash, agile-project-management

Dev

- I developed REST API's for Akamai's online store to purchase products. I designed the application interactions with Salesforce and managed it.

DevOps

- I also wore a dev ops hat - I helped develop and maintain a log analysis tool similar to Splunk, which is used to analyze the petabytes of logs Akamai's servers produce.
- Using Elasticsearch and Logstash, designed a log querying tool handling up to 200 GB of data every hour.

Google Summer of Code - Student Developer—KDE

May 2012 - August 2012

c++, kde, qt, semantic, oop

Developed a semantic backend plugin for a music player called Amarok to store metadata using Nepomuk framework—Soprano, Strigi and SPARQL. I currently maintain the new backend for Amarok.

Intern - Framework Engineer—MobStac - Mobile Motion Technologies

June 2011 - July 2011

python, bash, xpath, rss, lxml, pyunit

- Wrote a web page crawler that extracted various social media widgets using lxml
- Support for vimeo and flickr rss parsing
- Played around briefly with mongodb for analytics

Education

B.E. Computer Science—PES Institute of Technology (Autonomous)

2008 - 2012

- CGPA of 8.46 on a relative grading scheme.
- Distinction awardee for all 8 semesters
- Was the event head of the first 24 hour hackathon in PESIT - Ayana
- Co-founded PES Open Source Community to evangelize open source development and contribution which is still going strong.
- Co-founded Student Nokia Developer to help form a community of students developing mobile applications.

Psychology is a hobby, I'm keen on understanding human behavior and what influences them. I completed the course with a Statement of Accomplishment.

Projects & Interests

GitHub - amarok-nepomuk – <https://github.com/phalgun/amarok-nepomuk>
c++, qt, kde

July 2012 - November 2012

This is my GSoC 2012 project for KDE and the awesome Amarok community.

Developed the whole project and was mentored by the Amarok community.

GitHub - Pricekart – <https://github.com/phalgun/Pricekart>
javascript, google-chrome-extension

August 2012

Chrome extension which helps you shop easily on e-commerce sites. People usually spend most of their online shopping time comparing prices and delivery times. What if all these were available in one single click ? This chrome extension determines the product you are viewing and shows the prices of the product from other e-commerce sites. And you can easily choose the one of your liking without much hassle.

GitHub - RepontiK – <https://github.com/phalgun/RepontiK>
c++, qt, kde

March 2012

A nepomuk based browser to view and search your files, music, images, contacts and email.

GitHub - Sahaya-v2.0 – <https://github.com/phalgun/Sahaya-v2.0>
j2me, jsr179

September 2011

A J2ME GPS based navigation mobile application for blind students in PESIT, Bangalore

GitHub - Google-Keys – <https://github.com/phalgun/Google-Keys>
javascript, google-chrome-extension

August 2013

Keyboard shortcuts for google search results

GitHub - Instant-Cricket-Scores-Chrome-Extension – <https://github.com/phalgun/Instant-Cricket-Scores-Chrome-Extension>
javascript, google-chrome-extension

September 2011

A lightweight chrome extension for instant cricket score updates.

GitHub - penny – <https://github.com/pesos/penny>
python, bash

February 2013 - April 2013

Logging bot for #pes-os

AutoMeter – <http://www.getjar.mobi/mobile/49736/AutoMeter>
java-me, jsr179

Beat AutoRickshaws with fake meters. This application tells what the exact fare is and helps you in case of a tampered meter. No need of GPRS and the application is free to use. Customized for Bangalore but can be used anywhere.

Developed the whole application in under 2 hours. More than 40k downloads till date.