

# Parbhat PURI

Kurukshetra - 136 128 - India  
<https://parbhatpuri.com> • <https://github.com/parbhat>

## SUMMARY

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I'm a Full Stack Web Developer with an emphasis on performance, best practices and testing in order to create better applications. My experience primarily lies with the use of the Django (a Python web framework) as well as a wide range of other tools.

I like to involve in everything from the overall direction of a project, to design, user experience, and the actual implementation. I enjoy working on open source projects as it helps to give back to the community. I'm passionate about crafting great user experiences and this influences all of my decisions as I work on a project.

## WORK EXPERIENCE

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- **Freelance Software Consultant** June 2016 - Present
  - Worked in several web projects as a freelance developer for international clients. Mostly work with Python, Django, JavaScript, Sass to solve real world problems.
- **Software Developer** (part time), ChrisDev Limited, Trinidad & Tobago June 2016 - Present
  - The below position turned into Software Developer where I am more involved in every aspect of the project. Most of the work includes working with Python/Django, CSS/Sass, AngularJS and contributing to open source projects.
- **Full Stack Developer Intern**, ChrisDev Limited, Trinidad & Tobago April 2015 - May 2016
  - Designing and Developing client projects using technologies Python, Django, AngularJS, Sass, etc.
  - Upgraded existing projects to latest version of Django.
  - Created RESTful APIs using Django Rest Framework.
  - Created Test Suites which include unit tests and functional tests with Selenium. Increased test coverage of some projects to 100%.
  - Started new open source projects and contributing to existing open source projects of the company.

## TECHNICAL SKILLS

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<b>Frontend development:</b>	HTML, CSS, Sass, JavaScript, AngularJS, Foundation for sites and apps, Bootstrap
<b>Backend development:</b>	Python, Django, Flask, PHP
<b>Design &amp; UX:</b>	Gimp, Pen + Paper, Sketch
<b>Databases:</b>	MySQL, PostgreSQL
<b>Programming Languages:</b>	C, C++, Java
<b>Operating System:</b>	GNU/Linux, Windows
<b>Version Control:</b>	Git, mercurial

## OPEN SOURCE

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- **Django Pandas**
  - Upgraded the library to Django 1.8
  - Increased Test coverage to 93%.
- **Wagtail Cookiecutter Foundation**
  - Started the project from scratch and created various apps like Photo gallery, Feeds, Documents gallery, blog, etc.
  - Integrated Foundation for sites 6 framework with an option to customize using Sass variables.
  - Functional testing with Selenium.

- Created Makefile for easy setup of development environment.
- Written extensive documentation.
- Created grunt tasks for Image Compression and integrated Browser Sync for browser testing.
- **Django Pandas examples**
  - Started the project from scratch and created iPython/Jupyter Notebooks that illustrate the use of django-pandas.
  - Developed a script to move selected data from csv file to database being used in django project.
  - Documentation to setup project locally.
- **Django Wagtail Feeds**
  - Initially developed the app in Wagtail Cookiecutter Foundation and then moved to a separate project.
  - Created unit tests.
- **Django Foundation formtags**
  - Upgraded to the latest Zurb Foundation for sites 6 framework.
  - Created unit tests with a test coverage of 100%.

## PROJECTS

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- **Cookiecutter Django Foundation**  
Cookiecutter Django Foundation is fork of awesome [Cookiecutter Django](#). This project combines the Cookiecutter Django with the Foundation 6 frontend framework. The project contains a *settings.scss* file to easily customize the default styling of the Foundation framework.
- **Python Pedia**  
Python Pedia is one stop solution for Python Programming language resources. The resources are categorized according to the application of language. The project is open source and has 280+ stargazers on [Github](#). It's all about Python.
- **Pelican Blue**  
Pelican-Blue is a responsive theme for Pelican Static Site Generator, Powered by Python Programming language. The theme has features like Mobile friendly, Syntax highlighting for code blocks, RSS/ATOM feeds and integration with Disqus and Google Analytics. The documentation of the project can be read on Github.
- **echildcare (SMS application)**  
echildcare is an SMS application which can process messages. The project has features like user registration through SMS, admin panel to check registrations, send bulk messages, create events for medicines/vaccinations. The technologies used are Django, RapidSMS, Celery, Redis. Celery is used to schedule periodic events. The detailed documentation is present on [Github](#).
- **SocialNetX**  
SocialNetX is aimed to give users deep insights about their life by collecting data from different social networks like twitter, google plus, etc. The project consists of two parts. The first being to create a Web App with features like authenticating and authorizing users, collecting data from different social networks using their API, generating graphs, etc. Second part is to create a Rest API for Sentiment Analysis of user's data. The web app uses the Rest API to perform Sentiment Analysis on user's data.
- **TechHunt - An Online Quiz Platform**  
TechHunt is an online Quiz platform. I used Django (Python Web Framework) for backend and Twitter Bootstrap for frontend. The authenticated users can take quizzes and view their progress. The questions can be Multiple Choice, True/False and essay type.
- **Customer Relationship Management (CRM)**  
Customer Relationship Management (CRM) Software made with Swing, JDBC, MySQL. The software provides functions like login, sell, add products, track details and maintain customer records, etc. The source code is hosted on [Github](#).
- **University events websites**  
Created and managed websites for various events organised by the University. This includes [Software Freedom Day](#), [All India Philosophy Conference](#), [Vikalp - A Students' Initiative](#), Cultural (Resurgence) and Technical (Titiksha) festivals which involves frontend and backend Development.

## EDUCATION

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- 2012 - 2016    **B.Tech in Computer Science and Engineering**  
SHRI MATA VAISHNO DEVI UNIVERSITY, Jammu  
CGPA: 7.53
- 2012    **CBSE XII Examination** ,TAGORE PUBLIC SCHOOL, KURUKSHETRA  
PERCENTAGE: 89.8%
- 2010    **CBSE X Examination** ,TAGORE PUBLIC SCHOOL, KURUKSHETRA  
CGPA: 9/10

## CERTIFICATIONS

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- December 2014*    **CS50x, Introduction to Computer Science**  
edX, Harvard University, Certificate ID Number - c7231f175e354755b8de46c98dc23fae
- July 2014*    **Programming, Data Structures and Algorithms**  
NPTEL, IIT Madras, Roll No: NPTEL140300004517
- October 2013*    **Networked Life**  
Coursera, University of Pennsylvania
- July 2013*    **An Introduction to Interactive Programming in Python**  
Coursera, Rice University

## ACHIEVEMENTS & POSITIONS HELD

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- *CBSE Merit Scholarship*: Central Sector Scheme of Scholarship for College and University students (CSSS-2012).
- Speaker for [Github Workshop](#) in Software Freedom Day 2015. The Workshop covers git version control system(VCS) and git workflow to contribute to an Open Source project on github.
- Coordinated *Software Freedom Day 2015* and was responsible to manage the overall event.
- Speaker for [Python Workshop](#) in Software Freedom Day 2014. The Workshop covers basics and importance of Python Programming language.
- Coordinated *Software Freedom Day 2014* in my University.
- Initiated a Technical environment in the University by forming clubs like *Codechef campus chapter*, *PyClub* and organising various Workshops.

## PERSONAL DATA

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