Parbhat PURI

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SUMMARY

I'm a Full Stack Developer with extensive experience in creating scalable web apps with amazingly great UI/UX. I love to play with web technologies and create great user experiences. I know the importance of latest tools and keep myself up to date with the latest technologies and concepts. I support Open Source software and frequent Open Source contributor. I like working on scalability, performance, design and testing leading to better applications. I'm a team player who can collaborate with other developers to create great digital products.

AREAS OF INTEREST

- Web Development
- Algorithms and Analysis
- Software Development
- Open Source

WORK EXPERIENCE

- **Full Stack Developer Intern, ChrisDev Limited**, Trinidad & Tobago   April 2015 - Present

  I am working as an Intern contributing in the Open Source and internal projects of the company. The company works on Open Source technologies like Python/Django, Pandas, Ansible, PostgreSQL, Linux and contribute back to the community with its Open Source projects. The Collaboration platform Github and Bitbucket are used for development.

TECHNICAL SKILLS

Programming Languages:	C, C++, Java
Scripting Languages:	Python, PHP, Shell
Internet Technologies:	HTML5, CSS3, SASS, Javascript, Jquery, AJAX
Web Frameworks:	AngularJS, Django, Flask
Databases:	MySql, PostgreSQL, Sqlite
Operating System:	GNU/Linux, Windows
Packages and Tools:	Git, LaTeX, Netbeans, Eclipse , CodeBlocks, Sublime Text, PyCharm, Microsoft Visual Studio.

EDUCATION

2012 - 2016	B.Tech in **Computer Science and Engineering** Shri Mata Vaishno Devi University, Jammu CGPA: 7.6/10
2012	**CBSE XII Examination** ,Tagore Public School, Kurukshetra Percentage: 89.8%
2010	**CBSE X Examination** ,Tagore Public School, Kurukshetra CGPA: 9/10

CERTIFICATIONS

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

OPEN SOURCE CONTRIBUTIONS

- **Django Pandas**
  A tool for using the Python data analytics library Pandas in Django. I worked on upgrading the library to latest version of Django which is 1.8. I also improved the test coverage of the project. The project has 200+ stargazers on Github.

- **Wagtail Cookiecutter Foundation**
  A comprehensive starter template for the Django based Wagtail Content Management System. I created various apps like Photo gallery, Feeds, Documents gallery etc. to use for building your site. The project uses Foundation Sass, Bower for package management, Deployment and provisioning using Ansible and Vagrant for easy setup of development environment. Also created unit tests for cookiecutter and functional tests for the generated wagtail project.

- **Django Pandas examples**
  Created iPython/Jupyter Notebooks that Illustrate the use of django-pandas. Django pandas provides tools for working with pandas in your Django projects.

- **Django Wagtail Feeds**
  A Django app to add RSS feeds feature to Wagtail CMS projects. The RSS feed generated can be used on facebook instant articles and Apple news. The settings for the app can be created in the Wagtail admin.

- **Django Foundation formtags**
  Django template tags to work with Zurb Foundation forms. This app makes it easier to style forms in Django with Zurb Foundation Front end framework. I created unit tests to test the functionality of foundation tags in django templates.

PROJECTS

- **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 a 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. 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.

- **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 270+ stargazers on Github. It's all about Python.

- **Software Freedom Day Website SMVDU**
  Developed Software Freedom Day Website for the year 2015 & 2014. Software Freedom Day(SFD) is a worldwide celebration of Free and Open Source Software (FOSS). The technologies used are AngularJS, Firebase, HTML5, CSS3, Grunt, Bower. The website is developed using open source platform on Github.

- **Vikalp - A Students' Initiative**
  Developed website for Vikalp - A Students' Initiative, which is a non-profit organization to teach village children. The website is developed using technologies like HTML5, CSS3, Javascript, jQuery. The collaboration platform Github is used for Development.

- **TechHunt - An Online Quiz Platform**
  TechHunt is an online Quiz platform. I used Django (Python Web Framework) for back-end and Twitter Bootstrap for front-end. 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.

- **All India Philosophy Conference Website**
  Developed All India Philosophy Conference Website. My work includes Front-end as well as Back-end Development using technologies HTML5, CSS3, JQuery, PHP and MySQL. The project is Open source and can be accessed on Github.

- **University events websites**
  Created websites for Cultural (Resurgence) and Technical (Titiksha) festivals which includes Front End Design and Back-end Development. Also created and managed websites for various events organised by the University.

PERSONAL DATA

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ACHIEVEMENTS & POSITIONS HELD

- *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.

REFERENCES

- **Mr. Christopher Clarke**
  Founder and Lead Developer
  ChrisDev Limited.
  Tunapuna, Trinidad & Tobago
  cclarke@chrisdev.com

- **Dr. Naveen Kumar Gondhi**
  Director I/c Network Centre
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- **Mr. Anuj Mahajan**
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