

PARTH BUCH

1702, Tower 33, Amanora Park Town,
Hadapsar, Pune – 411028

parth.buch.115@gmail.com
+91-961-960-6610 | Indian Citizen
DOB : 23-2-1989

SKILLS

Software and Tools

PyCharm | EPD | Enthought Canopy

Python Frameworks

Django | Flask | SciPy | NumPy | Matplotlib |
Pandas

Servers

Apache HTTP | nginx | MongoDB | Elasticsearch |
Logstash | gunicorn

Operating Systems

Linux : Debain+, Redhat+ | Solaris | Windows |
BSD+

Services

Amazon Aws | Windows Azure | GCE | Vagrant |
Docker

Languages

English | Gujarati | Hindi

EDUCATION

Bachelors in Technology, Computer Science

Rajasthan Technical University | July 2006 – July 2010
Central Government University

Work Experience

Software Consultant/BI Analyst | Idatalabs

Actionable Marketing Intelligence | May 2015 – Present

- Backend developer for massively parallel distributed computing system
- Lead developer for customer facing applications
- Write predictive models and ML algorithms to keep in check the quality of data provided by data providers

Software Consultant/BI Analyst | Verificient Technologies

Remote proctor solutions, Pune/NY | November 2014 – May 2015

- Development of distributed processing system using Celery tools
- Machine Learning platform used to train the Computer Vision algorithm that automates cheating detection
- Analysis of user patterns and behaviors from data gathered using the Machine Learning platform

Software Developer | Enthought Inc

Scientific Computing Solutions, Mumbai | September 2012 – November 2014

- Lead developer of core technology in web-services application for reading and indexing custom key-value store
- Worked on authentication and authorization backend for the Canopy platform used by thousands of users
- BI Analysis on user behavior and patterns coming from data gathered using the webservices

Research Assistant | FOSSEE Project

A ministry of Human Resource Development project at IIT-Bombay, Mumbai | May 2011 – August 2012

- Worked on using Python for scientific computing and create awareness about the same
- Conducted workshops on “Python for Scientific Computing” for the faculty and students of various Science and Engineering colleges across India
- Coordinating the Indian versions of “International Conference on Python for Scientific Computing”, SciPy.in 2011 and SciPy.in 2012
- Developed applications for online code evaluation and admission for IIT-Bombay

Software Engineer | InOpen Technologies Pvt. Ltd

A SINE IIT-Bombay Company, Mumbai | August 2010 – May 2011

- Developed Software Solutions Using Qt, to be deployed in Schools and accessed by more than 10,000 students
- Developed Learning Management Solution in python/django to be used along with Software and books developed by the Company
- Developed Computer Networks and Labs for Schools.
- Managed System Administrators and Engineers while assisting knowledge transfer efforts to the SA&E Team
- Delivered lectures on Open Source Software, Linux and OSS Licensing on behalf of the Company to College Students.