

# Shubhanshu Gupta

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E-503, Orchid Enclave, Chandivali, Powai, Mumbai, Maharashtra - 400072

Contact: +91 9663166177 | Email: [shubhanshu.gupta93@gmail.com](mailto:shubhanshu.gupta93@gmail.com) | Date of birth: 17 Aug, 1993

## EDUCATION

### **Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gujarat**

BTech in Information and Communication Technology | JULY 2011 - MAY 2015 | CPI: 7.58/10

### **Cambridge Court High School, Jaipur, Rajasthan**

Intermediate/+2 | 2010-2011 | 82.6%

High School | 2008-2009 | 93.0%

## PUBLICATION

“Music Data Analysis: A State-of-the-art Survey”, **Shubhanshu Gupta**, ASE, *Fourth International Conference on BigData, Harvard University, USA 2014* (Acceptance Rate ~8.5%).

“Social Data Analysis: A Study on Friend Rating Influence”, **Shubhanshu Gupta**, Vaibhavi Desai, Harsh Thakkar, *WWC Connect, VMWare, India 2017*.

## PROFESSIONAL EXPERIENCE

### **Truebil.com, Mumbai** - *Software Development Engineer*

January 2017 - Present

- Designed and implemented the Identity Access Management and Role-Based Access Management System for Truebil admin webapp in CakePHP
- Designed and implemented a module to log and track user activity and derive insights out of them through ELK (Elastic-Logstash-Kibana) ecosystem in CakePHP
- Handling the end-to-end backend of Truebil's Progressive Web App (PWA) in Python Django

### **LaughGuru.com, Mumbai** - *Backend Developer*

January 2016 - January 2017

- Wrote Unit Testing modules in Python Django
- Handled the design and development of the entire user and sales analytics platform in Python
- Handled the end-to-end integration of 3rd party services through RESTful APIs
- Optimized images and served as per user landing device
- Implemented a system to scan through millions of files in AWS s3 bucket and reported the missing ones from database using Python Boto library, AWS Lambda, AWS CLI & S3 API

### **MuSigma Business Solutions Pvt Ltd** (employer), **Singtel Optus Pty Limited** (client) - *Trainee Decision Scientist*

June 2015 - October 2015

- Restructured the Loyalty and Rewards Scheme of the client through Principal Component Analysis and Factor Analysis using R and Teradata
- Built a decision board for measuring the performance of client's campaign for Apple's iPhone - 6s

## TEACHING EXPERIENCE

### **DA-IICT** - *Teaching Assistant*

January 2015 - April 2015

- Taught concepts of C/Java, solved queries and provided practice questions to freshman year students

## RESEARCH EXPERIENCE

**Kensemble Tech Labs, Gujarat, India;** Organization: **ProMusicDB, CA, USA** - *Research Assistant*

October 2013 - May 2015

- Worked with **Dr Vikram Sorathia** to build a tool for standards based curation of professional music using Ruby on Rails, Hydra, Blacklight, Fedora Commons open source communities, RDF and Linked Open data technologies
- The tool centralizes the credits & metadata of all artists in music industry, and allows easy access to the information with the help of deep knowledge graph
- Studied and published a paper on how people engage, consume, purchase music and their listening habits through Big Data, Machine Learning, Social Network Analysis & Linked Open Data techniques

## RELEVANT COURSEWORK

- Web Data Management, Data structures, Algorithms, Operating Systems, Human Computer Interactions, Logic for Computer Science, Database Management Systems, Computer Networks, Software Engineering, Introduction to Coding Theory and Applications

## SKILLS

- **Areas of interest:** Big Data and Machine Learning
- **Programming:** Python | Django | SQL | CakePHP | Javascript
- **Tools and technologies:** Git | PostgreSQL | MySQL | R | SAS | Teradata

## COMMUNITY SERVICE

**SRISTI and Honey Bee Network, IIM-Ahmedabad, India** (December 2012)

- Systematically documented, disseminated and developed grassroots green innovations
- Provided resources to acquire intellectual property rights to grassroots innovators, in-situ and ex-situ conservation of local biodiversity

## AWARDS AND ACHIEVEMENTS

Google Startup Launch Program selected TheCollegeStore.in - Bookly Web LLP for its mentoring program	National	2015
Seed funding of INR 50,000 by International Center for Entrepreneurship and Technology, India for TheCollegeStore.in - Bookly Web LLP	Regional	2015
Mudra Institute of Communications Ahmedabad (MICA), India incubated TheCollegeStore.in - Bookly Web LLP	Regional	2015
114th rank in Maths Talent Search Examination by Indian Institute for Studies in Mathematics all over India	National	2009

## POSITIONS OF RESPONSIBILITY

Founder, TheCollegeStore.in - Bookly Web LLP	Aug'12-June'15
Member, DA-IICT Alumni Association	Aug'14-May'15
Editorial Head, IEEE Student Branch Core Committee, DA-IICT	Jan-May'13
Event Manager, IEEE Student Branch Core Committee, DA-IICT	Aug-Dec'12