

Prakhar Srivastav

Education

- 2013-2011 **PGDM**, *Indian Institute of Management, Calcutta*, India.
Ranked in top 10 percent of the batch
- 2011-2007 **B.E.(Hons)**, *Birla Institute of Technology and Science, Pilani*, Goa, India.
Computer Science Engineering - GPA: 7.8/10

Skills

- Languages Python, Javascript, Ruby, HTML5/CSS3, Go, Scala, Octave, Java, C/C++
- Frameworks Django, Ruby on Rails, Node.js, Flask, Sinatra, Backbone, jQuery, SASS, Less
- Cloud Heroku, VPS, Google App Engine
- Databases MySQL (MariaDB), SQLite 3 and MongoDB
- Others Git, Subversion, Google Analytics, Twitter Bootstrap, Zurb Foundation

Experience

Professional

- 2013-current **Business Analyst**, *Xcite.com*, Alghanim Industries, Kuwait.
- Worked on improving website performance resulting in decrease in page load time from **11 to 6 secs**.
 - Integrated Akamai's Content Delivery Network to improve caching across mobile apps and website, thereby improving performance by **40 percent**.
 - Improved existing **Insta-buy feature** and achieved cost-savings by replacing in-house card storage solution with **payment tokenization** from Cybersource.
 - Led the project for migrating infrastructure from physical devices to a scalable **multi-tenant architecture** on cloud resulting in **cost-savings upto 50 percent**.
 - Improved sales by scoping and leading the development of project to **sell digital products** (downloadable content) on Xcite.com.
 - Worked as **System Administrator** for managing infrastructure powering desktop, mobile web and mobile apps of one of the **highest traffic websites in Kuwait**
 - Administered all technologies responsible for hosting, databases and caching for the entire LAMP stack on RHEL (Apache, Nginx, Memcached, MySQL, Apache SOLR)
 - Single-handedly responsible for all release, automated deployments, backups and developer environments across multiple channels
 - Built strong **monitoring and alerting** tools to track uptime and incident reporting.
 - Helped re-engineer the database architecture and led migration from failover replication to **multi master** for better flexibility and performance.

Freelancer

- 2013 **Full Stack Developer**, *FMS Fiesta*, PHP, Yii, jQuery.
- Designed and developed the website for one of the largest cultural festivals held by an Indian Business School - Faculty of Management Studies, Delhi
- 2012 **Rails Developer**, *OhMyGreen*, Ruby on Rails, Facebook API.
- Single-handedly ported a PHP Symfony app to Ruby on Rails for OhMyGreen (A silicon valley e-commerce startup) featuring a complete registration and referral system.

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Intern

2012 **Marketing Intern**, *Heinz*, Mumbai, India.

- Drafted and assisted in implementing a promotion plan to drive sales of new SKUs of Complan.
- Analyzed the entire marketing mix for new SKUs, gave suggestions to improve visibility, packaging and co-branding.
- Conducted extensive market research to understand consumer preferences for jar usage and consumer perception for offers.

2011 **Developer Intern**, *Travelocity, Sabre Holdings*, Bangalore, India.

- Awarded pre-placement offer for performance and winning affiliate marketing competition during internship.
- Successfully deployed an error-checking script to optimize user logging, worked on the mapper algorithm to increase its scalability.

Projects

- Github** Complete project list, open source work and repositories on <https://github.com/prakhar1989> and <http://prakhar.me/projects>
- Newman** Newman is a command-line collection runner for Postman. With Newman, postman users can integrate Postman collections with their build system or run automated tests for their API through a cron job. One can also use Newman as a grunt plugin to run their API tests any time you save your code in your editor. Newman is available as a package on NPM <https://www.npmjs.org/package/newman> #nodejs #javascript #grunt
- Postman Interceptor** Postman Interceptor is a chrome extension that gives Postman wings! It enables Postman to send restricted headers i.e. headers that cannot be sent via XMLHttpRequest like User-Agent, Referrer etc. and send cookie information with any request. Available on chrome web store. #javascript #chrome-extension
- Gettup** Gettup is a simple command line utility which lets you share and upload files to the ge.tt sharing service quickly and easily. It uses the Ge.tt API to share a file and generate a URL that you can share. It features a lot of cool options like bulk upload, ability to create shares (a collection of files) and rename files. Gettup is available on Python Package Index #python
- Timellogger** Timellogger is a Django backed time tracking application for entrprises to help employees track and manage their time spent on projects. Timellogger features a customizable Admin dashboard interface that allows anyone to add projects in varying categories, carry out user management and track leaves. #django #python
- Algorithms** A collection of 30 famous data-structures and algorithms reimplemented in Python covering Dynamic Programming, Graph Algorithms and String algorithms #python
- RecoEngine** RecoEngine is a movie recommendation engine using the collaborative filtering algorithm #python
- Loops** Loops is a web-based music player that allows users to listen to music directly from the web browser. It is Single Page Web App (SPA) built without a JS MVC framework with flask as a minimal backend. #javascript #flask #python
- Voting App** Built using a RESTful backend and a Javascript heavy front-end powered by Backbone this app was built in IIMC to allows students to cast votes and get candidate info. #backbone #javascript #flask

Interests

- Languages** Love learning and trying out new programming languages (esp. functional)
- Blogging** I maintain a frequently updated tech blog at <http://prakhar.me/>
- MOOCs** Algorithms, Statistics, Data Visualization and Machine Learning.
- Sports** Competitive Swimmer. Play squash for leisure. Represented State for Basketball

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