

# Prakhar Srivastav

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## Education

- 2013-2011 **PGDM**, *Indian Institute of Management, Calcutta*, India.  
Ranked in top 10 percent of the batch - GPA: 7.12/9.00
- 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, OCaml, Octave, Java, C/C++
- Frameworks Django, Ruby on Rails, Node.js, Android, Flask, Sinatra, Backbone, jQuery, SASS, Less
- Cloud Heroku, VPS, Google App Engine

## Experience

### Professional

- 2013-current **Business Analyst**, *Xcite.com*, Alghanim Industries, Kuwait.
- **Software Developer**
    - Re-built the entire checkout functionality of the website to add the guest checkout feature on Angular.js as a single-page application
    - Sole developer on the project to migrate the company's credit sales portal for customers from third-party provider to an in-house solution.
    - Built strong **monitoring and alerting** tools to track uptime, availability and incident reporting.
  - **Business Analyst**
    - Worked on improving website performance resulting in decrease in page load time from **11 to 6 secs**.
    - 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.
  - **Devops Engineer** #Ansible #Jenkins
    - Responsible for managing infrastructure powering desktop, mobile web and mobile apps of one of the **highest traffic websites** in Kuwait
    - Single-handedly responsible for all release, automated deployments, backups and developer environments across multiple channels
    - 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.

6-19 Salmiya – Kuwait, 13003

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## Intern

- 2012 **Marketing Intern**, *Heinz Pvt. Limited*, 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.
- 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
- Timellogger Timellogger is a Django backed time tracking application for enterprises 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 essential data-structures and algorithms reimplemented in Python covering Dynamic Programming, Graph Algorithms and String algorithms #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

## Online Courses

### Coursera

- 2014 **Mining Massive DataSets**, *Stanford*, Data Mining, Machine Learning.
- A graduate-level CS course by Anand Rajaraman et al
- 2013 **Functional Programming in Scala**, *EPFL*, Functional Programming.
- Completed Course with 96.2% marks and achieved distinction
  - Learnt higher order functions, pattern matching and lazy evaluation
  - Project: Built a code search engine in Scala for Stripe's Capture the Flag competition. Ranked in top 1000 worldwide.
- 2012 **Machine Learning**, *Stanford*, Machine Learning.
- Completed Course with 100% marks and achieved distinction
  - Learnt machine learning algorithms like regression, neural networks and support-vector machines
  - Project: Built a movie recommendation engine using Collaborative Filtering in Python for Data Mining course in IIM Calcutta. Achieved highest grade and topped the course.
- 2013 **Computing for Data Analytics**, *John Hopkins*, Statistics.
- Learnt programming in R, doing data analysis and creating data graphics in R.

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## Udacity

- 2014 **Developing Android Apps**, Google, Java.  
◦ Learnt UI development, connecting to the cloud and running services in Android Apps  
◦ Project: Built an Android game - Colorphun and released it on the Google Play Store
- 2012 **Web Development**, Steve Huffman, Python.  
◦ Learnt MVC design pattern, deployment on Google App Engine and scaling the application.  
◦ Project: JokaStore: Built an e-commerce store from scratch for a venture as a part of Entrepreneurship course at IIM Calcutta. Project was hugely popular and was featured in India's leading daily - The Hindu.

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## Relevant Coursework

- IIM Calcutta Business Data Mining, Marketing Research, Macro & Micro Economics, Information Technology, Operations Research, Managing Information Systems, Managing New Ventures, IT and Business Innovation, Marketing for High-Tech and Innovation.
- BITS Data Structures and Algorithms, Operating Systems, Theory of Computation, Database Systems, Advanced Computer Organization, Discrete Structures for Computer Science, Computer Programming I&II, Object Oriented Programming.

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## Awards and Honors

- 2013 Ranked in top 10% of the batch at IIM Calcutta
- 2011 Secured 99.80 %ile in CAT 2011 amongst 300,000 students
- 2010 Placed in top 5 at Sastra'10 – International Technical Festival of IIT Madras
- 2008 Ranked 5th in 'Mathematics Aptitude Test' in a batch of over 600 students at BITS in '09
- 2007 1st among 70 teams in Robotics Competition at Quark '07 – National Technical Festival of BITS
- 2007 State Rank 334 and All India Rank 3989 in AIEEE '07 taken by over 644,000 students
- 2006 Scholar Badge for 3 consecutive years from '03 to '06 at Delhi Public School for academic excellence

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## Extra-Curricular Activities

### Positions of Responsibility

- 2012 IT Head, Consulting Club - Developed the club's website with an inbuilt blogging platform
- 2011 Member, IT Solutions Group - Developed the election portal, the course registration portal and research tracking portals for IIM Calcutta.
- 2010 Core Member, Spree BITS - Designed merchandise and handled IT for the entire event.
- 2009 Event Manager, Quark BITS - Organized the popular gaming event with a footfall of 75 teams.

### Sports

- 2007 3rd Position in District Level Basketball Championship Sports
- 2006 1st position in 100m Freestyle in Swimming Meet

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## Interests

- Languages Love learning and trying out new programming languages (esp. functional)
- Blogging I maintain a frequently updated tech blog at <http://prakhar.me/>
- Featured on The Economic Times, The Hindu, The ChangeLog, PyCoder's Weekly