

Prakhar Srivastav

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: 7.71/10.00

Experience

Professional

- 2013-Present **Xcite.com**, *Ecommerce*, 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 leading to decrease in page load time from **11 to 6sec**.
 - 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**
 - 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.

Open Source

- 2013 **Developer**, *getpostman.com*, Postman.
- **Postman** Core developer on the Postman team.
 - Postman on Chrome is the most efficient way to test, develop and document APIs.
 - Highest rated developer productivity app on the Google Chrome store with more than **500,000** users amongst companies like Google, Khan Academy and Microsoft.
 - **Newman** Built a command-line collection runner for making automated testing painless.
 - Allows users to integrate Postman collections with their Continuous Integration system or run automated tests for their API through a cron job available as a node.js package on npm.
 - **Postman Interceptor** Built a chrome extension for Postman
 - Allows chrome to send restricted headers and requests that use cookies directly to Postman.
 - The interceptor makes the process of testing APIs virtually painless as you can inspect live traffic directly in Postman. Available on chrome web store.

Internships

- 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.

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 by Stanford Alumni) featuring a complete registration and referral system.

Projects

- Timelogger Timelogger is a Django backed full-featured time tracking application for enterprises to help employees track and manage their time spent on projects. #django #python
- Algorithms A collection of 30 essential data-structures and algorithms reimplemented in Python covering Dynamic Programming, Graph Algorithms and String algorithms. One of the **most popular** Algorithms library on Github. #python
- Gettup Gettup is a simple command line utility which lets you share and upload files to the ge.tt sharing service quickly and easily. #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
- More Complete project list, open source work and repositories on <https://github.com/prakhar1989>
Projects and <http://prakhar.me/projects>

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.
- 2012 **Computing for Data Analytics**, *John Hopkins*, Statistics.
- Learnt programming in R, doing data analysis and creating data graphics in R.

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 & featured in India's leading daily - The Hindu.

Skills

Languages Java, Python, Javascript, Ruby, HTML5/CSS3, Go, Scala, OCaml, Octave, C/C++
Frameworks Django, Ruby on Rails, Node.js, Android, Flask, Sinatra, Backbone, jQuery, SASS, Less

Relevant Coursework

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.
IIM Calcutta Business Data Mining, Information Technology, Managing Information Systems, Managing New Ventures, IT and Business Innovation, Marketing for High-Tech and Innovation.

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 Event at Quark '07 – National Technical Festival of BITS
2006 Scholar Badge for 3 consecutive years('03 - '06) at Delhi Public School for academic excellence

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

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, DailyJS, PyCoder's Weekly