Prakhar Srivastav

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Education

2013-2011   **PGDM**, *Indian Institute of Management, Calcutta*, India.
Ranked in top 10% amongst 420 students - 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 - IT*, Alghanim Industries, Kuwait.
- Developed the **entire checkout functionality** of the website as a single-page application to add the guest checkout feature using Angular.js leading to improved conversion rates
- Sole **full-stack developer** on the project to migrate Kuwait's largest credit sales portal (Retail and automotive) for customers from third-party provider to a custom solution.
- 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 on-premise devices to a scalable **multi-tenant architecture** on cloud resulting in **cost-savings upto 50 percent**.
- **Single-handedly responsible** for all release, automated deployments, backups and developer environments across multiple channels

Open Source

2013   **Developer**, *getpostman.com*, Postman.
- One of the three developers of Postman, an API testing tool with more than **500,000** users amongst companies like Google, Khan Academy and Microsoft.
- Built a **node.js based** command-line testing tool for making automated testing painless by allowing users to integrate with their Continuous Integration systems. Featured on **Daily.js** newsletter.

Internships

2012   **Marketing Intern**, *Heinz Pvt. Limited*, Mumbai, India.
- Analyzed the marketing mix for new Complan SKUs and conducted market extensive research on consumer preferences. Assisted in **launching nationwide back-to-school** campaign to boost sales.

2011   **Developer Intern**, *Travelocity, Sabre Holdings*, Bangalore, India.
- Worked on implementing algorithms for improving search engine marketing effectiveness. **Awarded pre-placement** offer for performance during internship.

Freelancer

2013   **Full Stack Developer**, *Faculty of Management Studies, Delhi*.
- 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, San Fransisco*.
- Single-handedly ported a PHP Symfony app to Ruby on Rails for OhMyGreen (**A silicon valley based startup** by Stanford Alumni) featuring a complete registration and referral system.

Projects & Online Courses

2014   **Mining Massive DataSets**, *Stanford*, Data Mining, Machine Learning.
- ◦ **Awarded distinction** for completing all advanced material in quizzes and final exams.

2013   **Functional Programming in Scala**, *EPFL*, Functional Programming.
- ◦ **Awarded distinction** for completing course with 96.2% marks.
- ◦ **Project**: Built a code search engine in Scala for Stripe's Capture the Flag competition. Ranked 950 amongst 8000 developers worldwide.

2012   **Machine Learning**, *Stanford*, Machine Learning.
- ◦ **Awarded distinction** for completing course with 100% marks
- ◦ **Project**: Built a movie recommendation engine using item-to-item Collaborative Filtering for Data Mining course in IIM Calcutta. Achieved highest grade and **topped the course**.

2012   **Computing for Data Analytics**, *John Hopkins University*, Statistics.
- ◦ Learnt the R programming language, doing data analysis and creating data visualizations in R.

2012   **Design and Analysis of Algorithms**, *Stanford*, Algorithms.
- ◦ **Project**: Collection of 30 essential data-structures and algorithms implemented from scratch in Python and C. One of the **most popular** Algorithms library on Github.

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**: Built an e-commerce platform from scratch for a venture as a part of Entrepreneurship course at IIM Calcutta. **Featured in India's leading daily - The Hindu**.

Skills

Languages	Java, Python, Javascript, Ruby, HTML5/CSS3, Go, Scala, OCaml, Octave, C
Tools	Django, Node.js, Android, Angular.js, Backbone, Google App Engine, Amazon Web Services

Awards and Honors

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

2012   Member, IT Group - Developed Election and Course Registration 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.

2007   Awarded 3rd Position in District Level Basketball Championship Sports

2006   Awarded 1st position in 100m Freestyle in District Level Swimming Meet

Interests

Blogging	I maintain a frequently updated tech blog at http://prakhar.me/
Featured on	The Economic Times, The Hindu, DailyJS, PyCoder's Weekly