# Ankush Agarwal

http://ankush.io                                    **Email** : ankush@ankush.io

| | |
|---|---|
| **Summary** | Seasoned Java Back-end programmer with more than two years of experience building highly scalable web infrastructure |

**Summary** — Seasoned Java Back-end programmer with more than two years of experience building highly scalable web infrastructure

**Education**

B.Tech. in Computer Science and Engineering
**IIT Bombay**, Mumbai, Jul 2012
Concentration in Databases

**Interests**

- Docker and its ecosystem
- TCP/IP Stack, Computer Networks in General
- Server-Side Back-End Programming
- Dev-Ops

**Experience**

**Infrastructure Engineer,** Addepar                    Dec 2014 - Present
- Working on creating and maintaining Backend services in Java
- Trying to Dockerize parts of Development and Backend Infrastructure

**Software Engineer II,** Rocket Fuel Inc                October 2012 - Dec 2014
- Work on a real-time bidding system that participates in various ad-exchanges to select the best inventory from among billions of bid requests
- A major focus is scalability and maintainability – building industrial strength algorithms and data structures to handle high volumes of requests in a robust and fault-tolerant manner
- Implemented and deployed a high-performing reverse-proxy across RocketFuel's infrastructure to reduce dropoffs due to Java GC
- Built a scalable Web-Crawler in Java which crawls hundreds of sites a day for understanding the digital-advertising landscape

**Research Assistant,** HKUST, Hong Kong                May 2010 - July 2010
- Worked on Optimization of Broadcasting time in Gabriel Graphs.

**Other**

Secured **All India Rank 11** in IIT-JEE, 2008
Aditya Birla Scholarship, 2008

**Languages and Tools**

| | |
|---|---|
| Languages(Proficient): | JAVA, Bash, Python |
| Languages(Familiar): | Golang, Ruby (Have to Google Syntax) |
| Databases: | MySQL |
| Dev Systems: | Git(Badass Ninja), Gerrit, Jenkins, Maven |
| Ops Systems: | Graphite, Puppet, Nagios, OpenGrok, Docker (Enthusiast) |
| | |
| Other: | I can sculpt text with cut, grep, awk, sed, sort and uniq but I still have to google the syntax for creating a tar.gz file |