

# 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

**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, 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