

Ankush Agarwal

<http://ankush.io>

ankush@ankush.io

Summary	Seasoned Java Back-end programmer with 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	<ul style="list-style-type: none">• 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	
	<ul style="list-style-type: none">• Working on creating and maintaining Backend services in Java• Trying to Dockerize parts of Development and Backend Infra		
	Software Engineer II, Rocket Fuel Inc	October 2012 - Dec 2014	
	<ul style="list-style-type: none">• 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	
	<ul style="list-style-type: none">• 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):	JavaScript, 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	