

# Ankush Agarwal

<http://ankush.io>

[ankush@ankush.io](mailto: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 <b>IIT Bombay</b> , Mumbai, Jul 2012 Concentration in Databases		
Interests	<ul style="list-style-type: none"><li>• Server-Side Back-End Programming</li><li>• Dev-Ops</li><li>• TCP/IP Stack</li><li>• Website Performance and Optimization</li></ul>		
Experience	<b>Software Engineer II</b> , Rocket Fuel Inc		October 2012 - Present
	<ul style="list-style-type: none"><li>• Work on a real-time bidding system that participates in various ad-exchanges to select the best inventory from among billions of bid requests</li><li>• 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</li><li>• Implemented and deployed a high-performing reverse-proxy across RocketFuel’s infrastructure to reduce dropoffs due to Java GC</li><li>• Built a scalable Web-Crawler in Java which crawls hundreds of sites a day for understanding the digital-advertising landscape</li></ul>		
	<b>Research Assistant</b> , HKUST, Hong Kong		May 2010 - July 2010
	<ul style="list-style-type: none"><li>• Worked on Optimization of Broadcasting time in Gabriel Graphs.</li></ul>		
Scholarships	Aditya Birla Scholarship, 2008 MCM Scholarship, IIT Bombay, 2008-2012		
Languages and Tools	Languages(Proficient):	JAVA, Bash	
	Languages(Familiar):	JavaScript, Ruby (Have to Google Syntax)	
	Databases:	MySQL	
	Dev Systems:	Git, Gerrit, Jenkins, Maven	
	Ops Systems:	Graphite, Puppet, Nagios, OpenGrok	
	Other:	I can scult text with cut, grep, awk, sed, sort and uniq but I still have to google the syntax for creating a tar.gz file	