

Ankush Agarwal

<http://ankush.io>

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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">• Server-Side Back-End Programming• Dev-Ops• TCP/IP Stack• Website Performance and Optimization		
Experience	Software Engineer II, Rocket Fuel Inc	October 2012 - Present	
	<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	