

Sahil Gupta

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EDUCATION & SKILLS

Georgia Institute of Technology - Atlanta, GA	August 2010 – May 2014
❖ Bachelor of Science in Computer Engineering (High Honor). GPA: 3.4/4.0; Major GPA: 3.5/4.0	
❖ Teaching Assistant – Math 1501, School of Mathematics	August 2011 – December 2013
Certifications:	AWS Professional and Associate Solutions Architect , Coursera UPenn Entrepreneurship
Programming:	Java, C, SQL, Linux Bash Scripting, Python and R for Machine Learning
Web, Mobile & Software:	Android, JSON, HTML, CSS, Git, SVN
Languages:	English (native), Hindi (native)
Awards and Honors:	Appian MVP 2017 for excellent work at Appian, Appian Spirit Award & Hardest Working (given to top performers in the team), Georgia Tech Faculty Honors

WORK EXPERIENCE

Appian Corporation - Reston, VA	July 2014 – Present
<i>Lead Cloud Engineer (April 2018 – Present), Senior Cloud Engineer (August 2016 – March 2018), Cloud Engineer (July 2015 – July 2016), Associate Cloud Engineer (July 2014 – June 2015), Appian Cloud Team</i>	
❖ Elastic Web Server Layer & Auto-scaling: Reduced the time to add web servers from 4 hours to less than 20 minutes by automating the Apache server build and configuration process. Improved security by mitigating DDos attacks. Built algorithm to auto-scale the web servers based on the traffic.	
❖ Metrics & Analytics Platform: Developed analytics and centralized logging platform using Rsyslog, Fluentd, MySQL and AWS S3 for collection and storage of metrics from thousands of servers globally. Platform streams 165M data points per day and powers analytics and BI apps such as auto-scaling, product metrics analysis, price quote application, sales and marketing reports, etc.	
❖ Monitoring & AWS CloudWatch Metrics Collector: Re-designed and implemented the front end and notification system of the monitoring app which helps resolve customer issues pro-actively and tracks health of servers globally. Developed a fault tolerant app to collect and store CloudWatch metrics. These help in auto-scaling, measuring server health, etc.	
❖ Transition Agile Methodology: Led the training and implementation of agile methodology for the team.	
❖ Training and Documentation Lead: Developed cloud training program. Managed cloud knowledge base including documents, presentations and videos. Trained newly hired senior cloud engineers and solution engineers.	
Goldman Sachs - New York City, NY	May 2013 – August 2013
<i>Technology Summer Analyst, Equity Derivatives Technology</i>	
❖ Developed an application in Slang using SUIT, SecDB, Sec View and Data Cube APIs to view, edit and search the containers for MarkitWire trade confirmation platform. Built a generic framework to view and edit any container in a tree structure.	
The Coca-Cola Company - Atlanta, GA	January 2013 – February 2013
<i>Mobile Application Developer, Global Mobile Solutions Team</i>	
❖ Helped in development of Android app to overcome challenges faced by over 5000 employees, guests and staff such as navigation around campus, acquiring network access and ordering food from cafeteria.	
Automatic Data Processing - Alpharetta, GA	June 2012 – August 2012
<i>Web and Mobile Applications Developer, WorkForce Now Web Development Team</i>	
❖ Developed a prototype Android application for ADP Directory, which enables business owners to view their employees and information associated with them.	

PROJECTS

Wireless Radio Frequency Scanner for Signal Measurement, Senior Design Project	August 2013 - May 2014
❖ Worked with a startup, DasPoint, to develop a mobile scanner that tests the strength of mobile networks.	
❖ Developed the hardware architecture design and Android mobile app, which enabled RF engineers to work remotely.	
GTFoodLine: Digitizing On Campus Dining, Enterprise Computing Project	January 2014 - May 2014
❖ Created an Android app in Java and PHP hosted on LAMP stack server to reduce the long wait times at dining locations.	

ACTIVITIES

Technical Interview Preparation (TIP) Organization, Georgia Tech	January 2013 – May 2014
<i>Co-Founder, President and Student Advisor</i>	
❖ Founded TIP to help students prepare for technical interviews. Led chartering process and recruited executive board. Conducted training sessions, mock interviews, etc. for the 30+ members.	
Eta Kappa Nu (HKN) – ECE Honors Society, Beta Mu Chapter, Georgia Tech, Member	January 2013 – May 2014
Team Leader Advisory Board – GT1000, Center for Academic Success at Georgia Tech	August 2011 – December 2013
❖ Recruited, trained and evaluated 350 team leaders essential for success of course taken by more than 2000 students.	
❖ Worked closely with faculty and staff to improve the GT1000 course. Served as a guide and coach for 20 freshmen.	