

Akshay Agarwal

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Objective	Seeking a role in Software Engineering in an organization where I can contribute towards its growth using my technical background and experience.		
Interests	Full stack web development, Mobile app development and Big Data.		
Education	Masters in Software Engineering San Jose State University , Fall 2016 - Current(CG 3.7/4.0) B.Tech in Computer Science and Engineering GMR Institute of Technology , 2009 - 2013 (CG 3.5/4.0)		
Skill Set	Programming:	JAVA, Python, PHP, C	
	Databases:	MySQL, IBM DB2	
	Web Technologies:	HTML5, CSS 3.0, JavaScript, Node.js	
	Cloud Technologies:	AWS, IBM BlueMix	
	Dev Tools:	Eclipse, IntelliJ, Git	
	Testing Tools:	Saucelabs, JIRA, Perfecto	
	Other:	Docker,Linux, Android, Scrum	
Experience	Software Engineer , Accenture		Jan 2014 - July 2016
	<ul style="list-style-type: none">Designed and developed scripts for a new version of test architecture that boosted automation by 30 percent, imbibing scrum methodologyInterfaced with stakeholders to understand functional requirementsDeveloped UI, Visual and API end to end tests.Designed and developed test scripts Mobile/Tablet Testing of a payment app.		
	Software Engineer Intern , Genpact		Nov 2013 - Dec 2013
	<ul style="list-style-type: none">Designed developed maintained the dynamic web pages using HTML, CSS javascriptContributed in all phases of SDLC from requirements gathering to maintenance		
Academic Projects	BloodLine <ul style="list-style-type: none">Developed a Node.js application that tracks blood donation using 'BlockChain'.This was built on Hyperledger using IBM's Chaincode. Mobile Sensor Cloud Infrastructure as a Service <ul style="list-style-type: none">Developed a Mobile Sensor Iaas using AWS, PHP, MySQL, HTML, CSS.Comprised cloud components like Scalability, Load-balancing, Dashboard,Wrote a survey paper on Monitoring, Billing, Management and Virtualization of mobile sensor network. A Comprehensive Study on Mobile Sensing and Cloud Services. Battleship(Game) <ul style="list-style-type: none">A rich-UI multi-player game based on binary Search using Java in Greenfoot.The team followed Scrum and Kanban practices during the development Marks Management System <ul style="list-style-type: none">An web application to track Marks of a student using HTML, CSS, Bootstrap, Java Script and MySQL.Can be used by students, teachers and parents.		
Hobby Projects	Twitter Clone Application <ul style="list-style-type: none">Built a FullStack twitter clone application project.Created the web server using Node.js and Java Script.Developed the front end using HTML CSS and used MySQL as the database. Google Home Voice Control <ul style="list-style-type: none">Built a smart home application using Google home and Raspberry Pi.Google home will perform voice commands from user perform actions.		
Other	Accenture All India level Delivery Week Technology Quiz Champion, 2015. Volunteer at Silicon Valley Code Camp ISO-SJSU. Regularly solving data structures problems at leetcode.		