

# Akshay Agarwal

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Objective	Seeking an internship 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 / Analytics		
Education	Masters in Software Engineering <b>San Jose State University</b> , August 2016 - May 2018(Expected Graduation) B.Tech. in Computer Science and Engineering <b>GMR Institute of Technology</b> , 2009 - 2013 ( <b>CG 3.5/4.0</b> )		
Skill Set	<b>Programming:</b>	JAVA, Python, PHP, C	
	<b>Databases:</b>	MySQL, IBM DB2	
	<b>Web Technologies:</b>	HTML5, CSS 3.0, JavaScript, Node.js	
	<b>Cloud Technologies:</b>	AWS, IBM BlueMix	
	<b>Dev Tools:</b>	Eclipse, IntelliJ, Git	
	<b>Testing Tools:</b>	Saucelabs, JIRA, Perfecto	
	<b>Other:</b>	Docker,Linux, Android, Scrum	
Experience	<b>Software Engineer</b> , Accenture	Jan 2014 - July 2016	
	<ul style="list-style-type: none"><li>Designed and developed scripts for a new version of test architecture that boosted automation by 30 percent, imbibing scrum methodology</li><li>Interfaced with stakeholders to understand functional requirements</li><li>Developed UI, Visual and API end to end tests.</li><li>Designed and developed test scripts Mobile/Tablet Testing of a payment app.</li></ul>		
	<b>Software Engineer Intern</b> , Genpact	Nov 2013 - Dec 2013	
	<ul style="list-style-type: none"><li>Designed developed maintained the dynamic web pages using HTML, CSS javascript</li><li>Contributed in all phases of SDLC from requirements gathering to maintenance</li></ul>		
Academic Projects	<b>BloodLine</b>	<ul style="list-style-type: none"><li>Developed a Node.js application that tracks blood donation using 'BlockChain'.</li><li>This was built on Hyperledger using IBM's Chaincode.</li></ul>	
	<b>Mobile Sensor Cloud Infrastructure as a Service</b>	<ul style="list-style-type: none"><li>Developed a Mobile Sensor Iaas using AWS, PHP, MySQL, HTML, CSS.</li><li>Comprised cloud components like Scalability, Load-balancing, Dashboard,</li><li>Wrote a survey paper on Monitoring, Billing, Management and Virtualization of mobile sensor network. A Comprehensive Study on Mobile Sensing and Cloud Services.</li></ul>	
	<b>Battleship(Game)</b>	<ul style="list-style-type: none"><li>A rich-UI multi-player game based on binary Search using Java in Greenfoot.</li><li>The team followed Scrum and Kanban practices during the development</li></ul>	
	<b>Marks Management System</b>	<ul style="list-style-type: none"><li>An web application to track Marks of a student using HTML, CSS, Bootstrap, Java Script and MySQL.</li><li>Can be used by students, teachers and parents.</li></ul>	
Hobby Projects	<b>Twitter Clone Application</b>	<ul style="list-style-type: none"><li>Built a FullStack twitter clone application project.</li><li>Created the web server using Node.js and Java Script.</li><li>Developed the front end using HTML CSS and used MySQL as the database.</li></ul>	
	<b>Google Home Voice Control</b>	<ul style="list-style-type: none"><li>Built a smart home application using Google home and Raspberry Pi.</li><li>Google home will perform voice commands from user perform actions.</li></ul>	
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.		