

# Akshay Agarwal

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| <b>Objective</b>         | Seeking an internship in Software Engineering in an organization where I can contribute towards its growth using my technical background and experience.  |
| <b>Interests</b>         | Full stack web development, Mobile app development and Big Data / Analytics   |
| <b>Education</b>         | Masters in Software Engineering<br><b>San Jose State University</b> , August 2016 - May 2018( <b>CG 3.7/4.0</b> )<br>B.Tech. in Computer Science and Engineering<br><b>GMR Institute of Technology</b> , 2009 - 2013 ( <b>CG 3.5/4.0</b> )  |
| <b>Skill Set</b>         | <b>Programming:</b> JAVA, Python, PHP, C<br><b>Databases:</b> MySQL, IBM DB2<br><b>Web Technologies:</b> HTML5, CSS 3.0, JavaScript, Node.js<br><b>Cloud Technologies:</b> AWS, IBM BlueMix<br><b>Dev Tools:</b> Eclipse, IntelliJ, Git<br><b>Testing Tools:</b> Saucelabs, JIRA, Perfecto<br><b>Other:</b> Docker, Linux, Android, Scrum   |
| <b>Experience</b>        | <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>   |
| <b>Academic Projects</b> | <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> |
| <b>Hobby Projects</b>    | <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>   |
| <b>Other</b>             | Accenture All India level Delivery Week Technology Quiz Champion, 2015.<br>Volunteer at Silicon Valley Code Camp ISO-SJSU.<br>Regularly solving data structures problems at leetcode.   |