

## Ankit Goyal

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Dear Hiring Manager,

This letter is to express my interest in the available Graduate Research Assistant. I have 3.5 years of experience in Software and Web Development (PHP, Drupal and Google Analytics). I am currently pursuing my Masters in Computer Science at Arizona State University (ASU) with a GPA of 4.00.

At ASU, I have taken Mobile Computing, Software Security, and Software Design courses. My assignments and projects were Mobile Monitoring Application in Android, implementing REST API's based on Java and XML (Software Design) and designing library to prevent Cross-site scripting (XSS) attacks on the web in PHP, JavaScript. I am currently taking Distribute Database Systems, Foundation of Statistical Machine Learning and Data Mining courses and I believe that these courses give me a good exposure in various Database and machine Learning.

In my under graduation, I was intern at Educational Initiatives Pvt. Ltd. India. I contributed to the project 'Mindspark' – an adaptive logic based assessment tool for K-10 education. I developed activity based interactive mathematical games for conceptual understanding, student reporting system and a networking platform to share ideas and learning among peers. It is being used not only in several top notch schools but also in schools for under privileged students and urban slums. I Joined Accenture Services Pvt. Ltd., India in 2012, where I worked as a Java Software Engineer for one and a half years. I Contributed to Customer Gateway Services (CGS) for a leading UK based retail bank, which is an interactive web application used by personal bankers to perform various Banking operations. I Modeled business processes and created impact assessment documents, design documents (RTM), use case, sequence and workflow diagrams of complex client requests for translating into business requirements. I got the opportunity to work on live projects and learn new technologies (Mainframe, Java, Spring, Hibernate, JSP, HTML, Apache and Tomcat). After Accenture, I started a venture Sol-Savvy Services in the year 2014. After long research and development spanning seven months, I developed the desktop/ web tool (PHP, JavaScript, HTML5, JQuery, Ajax, XML, SQL, CSS) from the scratch, to maintain accounts which does not contain any core accounting jargons making it very easy to use and time-saving for people lacking formal accounting knowledge, especially in the small towns of India. I have worked on Linux Server.

I worked as a Graduate Service Assistant at Arizona State University. The Project aims at identifying the cyber-threats in the earliest stages. I am implementing user interactive dynamic GUI dashboard for data visualization using d3.js, PHP, HTML, JavaScript, JQuery and CSS3.

Along with academics in college, I also served as the President of University chapter of Rotaract Club (RI District 3050) Rotary International youth program in 2010-11. I led the team of approximately 450 students across the university to organize several state and National level events like Horizon'11 which was awarded 'Best Youth Professional Development Activity' by Rotaract Club. Under my leadership, our club organized several community service programs like blood donation camps, sale of CRY cards made by under privileged students, AIDS awareness camps and biannual visits to orphanage home Visamo Kids, Ahmedabad. Subsequently, I was promoted to the position of the Chairperson of 'Each One Teach One' initiative 2011-12 for the whole district 3050 which includes clubs from three states. These experiences have transformed me into a more responsible, patient and confident individual

I am confident that I am a great fit for this position and it will improve my existing knowledge in various Software development concepts, and allow me to grow as a Software Developer as this will a great learning opportunity for me.

Looking forward to talk to you about this opportunity. I can be reached at +1 480-669-0028 and at [agoyal22@asu.edu](mailto:agoyal22@asu.edu).

Thank you,  
Ankit Goyal

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## ANKIT GOYAL

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### Summary

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- A competent professional with 3.5 years of experience in Software and Web Development.
- Deft in analyzing and interpreting problems by project experience and logical thinking to find the right solutions.

### Education

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**Masters of Computer Science, Arizona State University, Tempe, AZ** GPA: 4.0/4.0 **Jan 2016 – Dec 2017**  
• *Relevant Coursework:* Software Design, Software Security, Mobile Computing, Data Mining, Distributed Databases Systems, Foundations of Statistical Machine Learning  
**Bachelor of Technology, Nirma University, Ahmedabad, India** GPA: 7.39/10; (3.41/4.0) **Jun 2008 – May 2012**

### Employment

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**Founder, Sol-Savvy Services** **Mar 2014 – Oct 2015**  
• Developed desktop and web based accounting software, Pac Savvy aimed at small and medium business enterprises.  
• Built Internet booking engine for bike and car servicing by various authorized vendor in India.  
• Programmed automated tool which analyses many CSVs given by Reserve Bank of India at single go to categorize and generate the list of applicants whose loan is approved or disapproved with reasons, reducing human efforts nearly by 99 percent.

**Software Engineer, Accenture Services Pvt. Ltd.** **Oct 2012 – Mar 2014**  
• Contributed to Customer Gateway Services (CGS) for a leading UK based retail bank, which is an interactive web application used by personal bankers to perform various Banking operations.  
• Modeled business processes and created impact assessment documents, design documents (RTM), use case, sequence and workflow diagrams of complex client requests for translating into business requirements.  
• Programmed in Java to develop 3-4 modules per project release aimed at code reusability and abstraction.

**Software Developer Intern, Educational Initiatives Pvt. Ltd.,** **Dec 2011 – May 2012**  
• Developed activity based interactive mathematical games for conceptual understanding in Flash.  
• Designed a collaboration platform for students to share ideas, academic projects among their peers in PHP, HTML and JavaScript.

**Intern, Bharat Sanchar Nigam Limited (BSNL)** **May 2010 – Jun 2010**  
• Experienced first-hand exposure to technical processes of a leading professional organization.  
• Gained broad level understanding of telephone network and internet services across different towns in India.

### Technical Experience

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#### Projects

- **Mobile Monitoring Android App (2016):** Developed an Application to monitor Call, SMS, and Locations in smartphone that you own or have proper consent to monitor in Android.
- **Web Security (2016):** Designed automated Libraries to protect XSS attacks on the insecure websites in PHP and JavaScript.
- **Restful Web Services (2016).** Designed and implemented Web Pages in Restful Web Service using XML Data Object in JSP and Java.

### Additional Experience and Awards

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- **Chairman Each One Teach One (2011 – 2012):** Served as Chairperson for Each One Teach One, Social initiative to teach underprivileged for three states in India.
- **President Rotaract Club - RI District 3050 (2010 - 2011):** Served as President for the University Chapter of Rotaract Club, the youth program of Rotary International and led the team of approximately 450 students across the university to organize several state and National level events.

### Languages and Technology

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- **Languages:** HTML; CSS; Restful Web Services; Google Analytics; Django; WordPress; PHP; MySQL; PL/SQL; SQLite; Java; JUnit; JavaScript; AJAX; jQuery;
- **Technologies:** Android Studio; CorelDraw; Maven; Linux; Apache; Tomcat; Git