

Karan Goel

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Education:

Masters of Science in Computer Science	University of Florida	GPA: 3.85/4.0	May 2018
Bachelors of Technology	JIIT, Noida	GPA: 3.9/4.0	Jun 2014
Relevant Coursework: Advanced Data Structure, Algorithm, Computer Networks, Computer Vision, ,Compiler Design			

Skills:

Programming Language: C, C++, Python, Java, Elixir, C#
Operating Systems: Linux, Windows, macOS, Android
Packages: MS Office, Android Studio, Eclipse, C++, XCode, Code Blocks
Web Technologies: MEAN, HTML, jQuery, CSS, Django , Ruby, phoenix
Database: SQL, MongoDB, PostgreSQL

Work Experience:

Associate Software Engineer, Accenture Services Pvt. Ltd., Noida, India Aug 2014-Dec 2015
Responsible for understanding Software/System components and its specifications. Creating specifications, deploying, developing and reviewing the tested components.

- Refined complaint & error handling process for my project(Visual Basic), reducing rectification time and saving \$4K for the company
- Took Responsibility to automate the report generation process, thereby reducing errors to 0
- Fixed Long standing bugs in the process and prepared the document for the new process
- Performed unit testing & integration testing, on the developed application by my team, to increase efficiency
- Worked with teams on various fields within SAP(ABAP/MM) to get overall technical knowledge of the Product
- Reproduced the errors in production system on staging system and resolving the same
- Conducted knowledge transfer sessions for peers, to make them aware of various processes in organization
- End to End experience of Software Development Life Cycle under Agile Methodology

Software Developer Intern, Surgeon Surgicals Pvt. Ltd., Noida India Dec 2015-Aug 2016

- Maintained and updated HTML/CSS templates on a regular basis and as required
 - Assisted in planning and implementing dynamic and online electronic commerce applications
 - Conducted layout design and construction for a variety of websites as assigned
 - Provided technical support to other web design team members as directed
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Projects:

“Word Game NLP” | JavaScript, FireBase, Python Aug 2017-Dec 2017

- Developed Intents to play Trivia Game, thereby helping students to learn vocabulary in Interesting way
- Designed Database and predicted user utterances to make user experience smooth

“Twitter Socket Implementation” | Elixir Aug 2017-Sep 2017

- Stress Tested the server, with replication of 10000 users on a single computer
- Designed the server and client functions on the principles of concurrent and distributed programming

“Twitter based Multi-domain ChatBot : @smartgatorAI” | Python Jan 2017-April 2017

- Designed ChatBot using RNN encoder-decoder model, Developed Corpus & encoder-decoder algorithm
- Worked as release manager to keep all branches in repositories in Sync, hence reduced merge conflicts

“Fibonacci Heaps to create search for n-popular hashtags” | C++ Oct 2016-Nov 2016

- Designed, deployed & tested Fibonacci heap, to keep track of the hash-tags
 - It could easily take 1 million queries, and can be used efficiently on social media to keep track of hash-tags
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Awards:

Received Achievement Scholarship for New Engineering Graduate Students