**Shardul Negi**

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**GitHub link**: https://github.com/shardulnegi21

**SUMMARY & SKILLS**

Information System Graduate student at Northeastern University, with 4 years of experience and specialization in Telecom and E-commerce domain. Worked in full stack development for both web and application development with strict know-how of the deadlines having worked in a dynamic and an agile environment.

**Languages:** Java, Python, JavaScript, C#

**Database:** MongoDB, Casandra, MySQL, PostgreSQL

**Frameworks & Areas:** .Net Core, Node Js, Swing, spring boo t, CI systems (AWS), Django framework, Automation and API creation with REST, Angular, ReactJs, AWS EC-2, Circle CI, AMI’s, Cloud Formation, Data Structures, Web Assembly, Lucene library for searching, Babylon JS

**EDUCATION**

**Northeastern University** Boston, MA

Masters of Science in Information Systems Anticipated Graduation May 2020

**Relevant Courses**: Algorithms, Web-Development, Applied Enterprise and Product Development, Database Management, Cloud Computing and Dev-ops, Web Design, Web Assembly .Net Core

**Projects**: *Algorithms*: Image Recreation using Genetic algorithm. Web-Development: Music App using React JS, Applied Engineering Development: Block Chain Exchange (All projects on Github)

**College of Engineering Roorkee** Roorkee, India

Bachelors of Engineering in Electrical Engineering May 2013

**EXPERIENCE**

*Software Engineer Intern,* **American Tower, Boston , MA** June 2019 – Dec-2019

* Created 3D models using Babylon JS. Created a protype to superimpose data from sql server to create a Cellphone Tower, with all the components, attenuation and components displayed on the web page
* Was instrumental in creating a .NET framework which will transition the old swing functionality to web framework and creating features from legacy application to new web applications.
* The application currently in UAT, once in production will increase productivity by 60%, and will be in use by 160000 Mobile towers and be used by at least 16000 site engineers.
* Worked on parsing the data from cross DB ETL framework to extrapolate into main dummy DB for harnessing and bringing about the analysis for creating new tower data.

*Software Analyst,* **Huawei, Bangalore, India** Sep 2016 – Dec 2017

* Worked on HUTAF(Huawei internal webservice tool) for deployment and CI/CD of the build cycle for four teams. I had channelized and patched code from three repositories from Development, testing and deployment phase for all the release till Go-Live of the **Gauss-DB**.
* Worked both on the backend (micro-services architecture using REST APIs) as well as the frontend (UI using Bootstrap, AngularJS) involving multiple layers such as Shell, Python, Java, AngularJS
* Designed and developed a tool which generates a DB configuration XML in Core Java.
* Generated XML used to install the DB, specific to the client, within a cluster of nodes on the network with a range of 1 - 256 nodes can be configured in this tool; used to visualize the cluster configuration

*Software Engineer,* **Accenture Bangalore, India** Jan 2014 - Sep 2016

* Implemented task automation and analytics software for warehouse management at Walmart; currently deployed at 1000+ facilities in the US, UK and Canada with 34% increase in task completion times, saving over $4mm per annum
* Designed and developed an ERP portal using .Net Core Web-Forms
* Designed and implemented internal project management and application testing tool at Accenture with plug ‘n play integration for efficiency; adopted by my division with 300+ employees, shipping 30+ projects with 50% increase in productivity from last year
* Worked towards patching CI/CD using Jenkins with developer code and parsing the results to the client.

**AWARDS**

**ACE Award, Accenture***Jan 2016*

Sole recipient from a pool of >100 software engineers for creating a customizable automation framework for projects across the division and fixing 1024 UI bug for the August release of the client’s product.