**VIJAY KUMAR KADAMANCHI**

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**EDUCATION**

**Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science** *Master of Science Computer Science* Aug 2021 – May 2023

Relevant Coursework: Computer Architecture and Organ, Design Analysis and Algorithms, Social Media Data Science Pipeline, Operating Systems, Programming Languages, Programming for Web

**MVSR Engineering College, Hyderabad, India**

*Bachelor of Engineering in Computer Science and Engineering* Sep 2014 – June 2018

Electives: Artificial Intelligence, Web Programming and Data Mining

**Cumulative Percentage:** 71/100

**TECHNICAL SKILLS**

**Languages:** Java, Python(Beginner), JavaScript, Html5, MySQL, NoSQL, TypeScript

**Software and OS:** Eclipse J2EE, VS Code, Git, Windows, MacOS, Linux

**Additional:** MongoDB, NodeJS, Angular 8, BootStrap 3 & 4, Spring MVC, Hibernate, Spring Boot and Microservices, JSON-Server

**PROFESSIONAL EXPERIENCE**

**Cognizant Technology Solutions, Java Full Stack Engineer | Hyderabad, India** Sep 2018 – April 2020

* Orchestrated efficient large-scale software deployments, including testing features and correcting code
* Worked on front-end designing using Angular and JavaScript
* Worked on Back-end code development using SpringBoot, Restful APIs and Microservices
* Reviewed code, debugged problems and corrected issues
* Managed time-sensitive updates, including content changes and database upgrades

**Konza Softwares, Intern | Hyderabad, India** Nov 2017 – March 2018

* Gained Experience in Front-End Development
* Worked on creating web pages using Html, Css and BootStrap

**RESEARCH EXPERIENCE**

**Deep Reinforcement Learning To Play Box the Box Game | Hyderabad, India**  Jan *2018* - June 2018

* Training an agent to play box the box game by giving the input and score to develop an optimal strategy
* Applied Neural network to evaluate Q-function for a variant of Q-learning
* Coded the program in Python and used Q-Learning Algorithm
* Proved that it is able to achieve superhuman performance

**ACHIEVEMENTS AND AWARDS**

* Certified as Full Stack Developer by StackRoute, an NIIT Initiative | April 2019
* Certificate of Merit in Bigdata and Hadoop competition by RoboKart in association with IIT Bombay | October 2017
* Certificate of participation in events like Project Expo and Paper Presentation