Kartike Bansal

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EDUCATION	**SKIT Jaipur**, 2015-2019 *B.Tech* Computer Science and Engineering **Step by Step High School Jaipur**, 2012-2014 Class 12th - 83.4% **St. Anselm's North City School, Jaipur**, 2005-2012 Class 10th - 9.4 CGPA
PROJECTS	**4K Cloud**: Developed a cloud platform to provide cloud services such as SaaS, PaaS, CaaS and STaaS and to automate the setup of Hadoop Cluster and MapReduce Cluster using Ansible. Additional features include Face Recognition (Using pre-trained CNN), Speech Synthesis and Recognition(Using JS libraries Annyang and SpeechKITT) **Vehicle Speed Check**: Predicts the speed of the vehicle from live video feed using computer vision. Built using Python, OpenCV and dlib. **Chess Bot**: Developed a bot that plays chess online on chess.com. Reached an ELO rating of 2600 (GrandMaster). Built using Python Selenium to fetch the moves from website and play the best moves based on the prediction of Stockfish Chess Engine. **DjangoPy**: **djangopy.org** is a blog for Django enthusiasts. Built using Jekyll and hosted on GitHub.
TECHNICAL SKILLS	**Languages**: C, C++, Python, Bash **Web Development**: HTML, CSS, JavaScript **Operating Systems**: Linux Distros(RHEL, Debian, Arch), Windows **Tools/Technologies**: Docker, Ansible, OpenShift, Git
EXPERIENCE	**Intern — Linux World Jaipur** Worked on developing a product, First Legal Aid. Users can ask any legal query and it will report back whether any previous cases have been reported, which have a similar context and inform about different actions he should take.
CERTIFICATES	2018 Red Hat Certified System Administrator 2015 NIIT Programming using C and C++
ACTIVITIES	**Code Emblaze — HackerEarth** Organizer and Problem Setter. Organized a national-level coding competition on online coding platform HackerEarth, in which more than 300 coders actively participated. **Rajasthan IT Day 2017** Second Position in Blind Coding Event
INTERESTS	Customizing my Arch Linux, Exploring and learning about FOSS, Competitive Coding, Listening to Hans Zimmer music, playing Basketball, Chess and other strategy based games
LINKS	LinkedIn: https://www.linkedin.com/in/kraten GitHub: https://github.com/kraten