Keshav Vinayak Jha

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EDUCATION

- **Guru Gobind Singh Indraprastha University**   Dwarka, New Delhi
  Bachelor of Technology in Electronics and Communications; GPA: 3.13 (7.83/10)   *Aug. 2017 – Current*

- **Cambridge School Indirapuram**   Ghaziabad, Uttar Pradesh
  PCM with Computer Science; Percentage:87   *Aug. 2000 – July. 2017*

EXPERIENCE

- **Datsme**   NSUT (Formerly NSIT)
  Web Developer   *Sept 2018 - Jan 2019*
  - **https://datsme.io**: Built the Front end website of this NSUT incubated startup, which consists of 15+ custom animations and effects coded in VanillaJS. The site was deployed on the cPanel of goDaddy and includes SSL certification.
  - **Machine Learning and operations**: Was part of the core team of this company, helped create the mapping algorithm for finding people nearby and grouping them using clustering algorithms. Also helped in the continous process of hiring new recruits and interviewing them.

- **vKarma**   NSUT (Formerly NSIT)
  Chief Technology Officer   *Jan 2019 - current*
  - **Development**: Currently building the backend logic for the website of this product, which takes an aim at replacing classic administration handling systems.
  - **Tech Stack**: Using HTML/CSS/JavaScript coupled with Python-Django and Google Analytics to create the management system, which is driven by its layer of users
  - **FrontEnd Development**: Created the Temporary Front End website of vKarma (vkarmadev.github.io), used wordpress and custom css to create a simple view
  - **Management**: Responsible in the hiring process of new interns and team members, currently working with 3 website and android developers under my team.
  - **Attendance System**: Working on creating an RFID based attendance management system using esp 8266 mounted on nodeMCU, and corresponding sensors with blank RFID tags.

PROJECTS

- **StackOverflow Chatbot**: Used jupyter notebooks and python to create a chatbot which answers queries regarding programming by pointing the user to exact stackOverflow links. Used the pre-trained neural net provided by ChatterBot and self made intent- recognizer,tf-idf and other algorithms to scaffold out this bot hosted on telegram using amazon-EC2
- **Dramatic Chatbot**: Used self made GRU networks with and without variational attention to create a chatbot. The dataset was provided by openSubs movies dataset and Cornell, Used the Drama category specifically to train in the notebooks hosted on github.
- **Blog post**: Used Django and front end tools to create a Blog post which lets users sign up, create posts, comment on them, and maintain a profile which includes their profile pic,bio and other details.
- **Native Restaurant**: Used React-Native (CRNA) and expo-cli to create an application for a fictious Restaurant, which lets users signup, comment, favourite their dishes, and book reservations. Made use of Redux to maintain states.

PROGRAMMING SKILLS

- **Languages**: Python, Javascript, C++, HTML/CSS

- **Technologies**: React/Redux, NodeJS, MongoDB, Django, git, TensorFlow, PyTorch