

# PRACHI KOLTE

[prachikolte25@gmail.com](mailto:prachikolte25@gmail.com) | <https://www.linkedin.com/in/prachikolte> | <https://github.com/prachikolte09>

- 3 years of startup experience. Software Developer, Automation Enthusiast who loves to implement logic in real life.
- Always eager to learn new technology and experiment to serve the organization with the best of my technical skills and abilities by utilizing my educational and professional knowledge, experience.

## EDUCATION

**M.S. Computer Science.** *University of Bridgeport, USA*  
**B.E. Computer Engineering.** *University of Pune, India*

**Aug'16 – May'18**  
**Aug'10 – Jun'14**

## SKILLSET

- Programming: Python, PHP, Data Structure and Algorithms, JavaScript, HTML5, CSS, Design Patterns, Linux
- Database: MySQL, MongoDB, SQLite, R, SQL, Redis
- Tools: AWS, WordPress, PythonAnywhere, Heroku, Git
- Frameworks: Django, Bootstrap, Yii2 Advanced, tornado

## TECHNICAL EXPERIENCE

**Software Engineer** **Genista BioSciences(Eat Safe Verified), USA**

**Aug'18 – Present**

- Developed and enhanced app backend from Yii2 advanced(PHP),MySQL to Django Rest framework and MongoDB.
- Continuous development and integration of features of ESV mobile app serving currently in market. (consumer and supplier)
- Server maintenance and deployment of new systems on AWS platform (EC2,RDS,Elastic Beanstalk).
- Designed JSON, REST APIs to serialized the optimal responses to make the app fastest and unit testing.
- Individually responsible for the backend tasks and security, CICD along with website maintenance, development for ESV.

**Web Developer and Content representative** **University of Bridgeport, USA**

**Aug'17 – May'18**  
*(10 MONTHS)*

- Implemented new Web Designs with Bootstrap, Materialize CSS, JavaScript, Photoshop, HTML5
- Developed Small Script for the Plug-in development and automation with PHP.
- Developed Console for the university data management which lowered manual work by 70%.
- Content Management and development on WordPress with help of the ticketing system.
- Worked on Educational form designing, structural content implementation.

**Software Developer** **Keywordio International**

**Apr'15 – Jun '16**  
*(1YR 2MON)*

Algorithm Automation - Back End Developer

- Assessed backend development and management with generation of Automated scripts in python to output minimalist output with AdWords statistics.
- Processed modelling of three modules and implementations, accretion of existing mathematical model.

Keywordio Console Development- Full Stack Developer

- Developed console in Django to give client real time experience of the optimized campaign output and to manage AdWords account via Keywordio.
- Designed frontend with bootstrap and implemented OAuth2 google login API.

## ACADEMIC PROJECTS

- **Chatbot Application for Counseling purpose (Neural Network, Python, Django, Dialogue Flow API,NLTK)** **Jan'18-Apr'18**
  - Developed a real-time Chatbot prototype for human interaction and counseling with help of Google Dialogue Flow.
  - Implemented NN for the data collected from real-time survey for the personality and mood analysis along with Face analysis.
  - Developed entire application in Django and deployed on Heroku for the fast processing of the Dialogue flow web hook.
- **Hotel Review System (Django, AWS Services, SQLite, HTML, CSS)** **Dec'17**
  - Implemented load balanced and deployed the application onto AWS EC2 instance for scalability
  - Implemented lambda function on Elastic Beanstalk
  - Optimized and scalable use of S3 bucket, Cloud Watch, Cloud Alarm and Cloud trail logs for the app management.
- **Portable File System (Linux ,C++)** **Dec'16**
  - Designed a portable file system with linked allocation Method, which can perform “allocate file”, move files from the windows file system into your file.
  - Implemented own directory structure with different customized commands(UNIX commands)
- **Sherpa-Text to image Synthesis (Python 2.7.6,NLTK, Tkinter)** **Dec'16**
  - Developed an application to eliminate the language barrier which helps to understand language in pictorial format.
  - Designed full front end in Tkinter along with voice transition PyTTSx
  - Developed challenging language parser and grammar is depicted with help of the NLTK

## POSTER PRESENTATIONS AND SEMINAR

- **Poster Presentation-** Efficient Resource allocation in Network Virtualization.
- **Seminar –** Emotiv Epoc headset which can program brain waves(electroencephalogram) into certain actions(Python,COBOL).