

# Yathannsh Kulshrestha

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## Experience

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### Country Financial

Champaign, IL

#### DATA ANALYTICS & DEVELOPMENT INTERN

May 2019 - August 2019

- Developed a self-service application to initiate & manage data projects using ReactJS, Hadoop, & GitLab API to reduce instance launch time.
- Architected a DevOps pipeline using CI/CD tools for streamlining Pivotal Cloud Foundry deployments to boost weekly deployments by 2x.
- Implemented a web-app to upload and score text through a sentiment analysis model using Python, Flask-RESTPlus, GitLab OAuth & docker.
- Collaborated to build a team management mobile application to store intern information using React Native, NodeJS Express & PassportJS.

### National Center for Super Computing Applications

Urbana, IL

#### SOFTWARE ENGINEERING INTERN

May 2019 - August 2019

- Created an event-administration tool to monitor & upload events for the University of Illinois using Flask, JavaScript, MongoDB and Jinja.
- Implemented an authentication system for web administrators based on MVC architecture using node.js, express, mongodb and bootstrap.
- Assembled a web crawler to harvest published events from multiple sources to display & index events using Scrapy, REST API & Swagger.
- Added functionality to search, filter, modify and paginate uploaded user events using FlaskAlchemy, JSON, GoogleMaps API & AJAX.

### BoxDrop /getboxdrop.com

Urbana, IL

#### FOUNDER

April 2018 - PRESENT

- BoxDrop provides storage as a service to the students of UIUC; successfully raised \$25,000 from iVenture - expanding to Purdue & IU in 2019.
- Lead business, marketing & sales operations by heading a team of 11 employees to serve 300+ people in University of Illinois Urbana-Champaign.
- Deployed a warehouse management system to track inventory inflow and outflow using JavaScript, Bootstrap, PHP & MySQL.
- Built a booking, invoicing & a customer-relationship-management system using salesforce, intercom, Paypal & Quickbooks API.
- Created systems for task automation & route scheduling using routific api & tray.io; increased sales using SEO, PPC, yoast & Google AdSense.

### Vakrangee

Mumbai, India

#### PRODUCT MANAGER

June 2018 - August 2018

- Managed implementation of a B2C e-wallet system for service franchises using scrum; increasing individual franchise revenue by upto 20%.
- Coordinated user testing and implementation of the e-wallet system in 100+ Vakrangee rural centres in the state of Maharashtra.
- Created a CRUD based customer management system for rural franchises using Vue.js, Angular, HTML5 & CSS to increase customer tracking.
- Increased franchise discovery by developing a geo-location app to visualize Vakrangee's 26,000+ franchises using firebase & Google Maps API.

### Google Open Source

Mountain View, CA

#### OPEN SOURCE DEVELOPER - GOOGLE CODEIN

Dec 2015 - March 2016

- Awarded at Googleplex, Mountain View as a Google Codein global winner out of 965+ people for completing 40+ task assignments.
- Deployed loklak server instances on AWS & Azure to collect data for loklak's p2p distributed search; implemented data search using Angular.js
- Added Travis CI integration on FOSSASIA's web based repository to automate open source code testing & to ensure development consistency.
- Expanded loklak-wok REST API's use case to mobile by creating an Android based tweet search application to retrieve harvested tweets.

## Projects

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### JPIS ALUMNI CONNECT APP (Android & iOS Application)

- Created a cross platform social network to help the student body network with the school's 1000+ alumni community members.
- Integrated a contact feed, newsfeed, chat functions and an user authentication system using ionic, react, express.js, node.js & firebase.
- JPIS Alumni Connect reached 500+ cumulative installs on Android (300+) & iOS (200+) within two months of launching.

### Kisan Baazaar /kisanbaazaar.com

- Aggregated & organized direct agriculture production services for 950+ farmers in Haryana, India by collectivizing farm operation management.
- Created an ERP system to coordinate farm operations to enable bulk buying & selling of agriculture products using Frape, JS, Python & MariaDB.
- Received commendation from Ministry of Agriculture for reducing input costs by 15% and increasing yield price by 35% for a section of farmers.

### WorkTeen /workteen.org

- Created a platform for high school students to find internships, volunteering & research opportunities in Delhi, Jaipur & Bangalore.
- Developed a facebook NLP chatbot using node.js & recast.ai to display student opportunities - increasing user activity by 25%.
- Implemented a database query system using mysql, phpmAdmin & Apache to upload and display work opportunities.

## Education

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### University of Illinois at Urbana-Champaign

Urbana-Champaign, IL

#### BACHELOR OF SCIENCE – COMPUTER SCIENCE & ECONOMICS (INTENDED)

August 2017 - May 2021 ( Expected)

- Dean's list, iVenture Fellow, Founders@UIUC, ADSA, ACM

## Skills

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<b>Web Technologies</b>	JavaScript, PHP,HTML5, CSS, Node.js, ROR, Android, Ionic
<b>Mobile Development</b>	Java, Python, Ruby, C++
<b>Programming</b>	Java, Python, Ruby, C++
<b>Databases</b>	MongoDB, MySQL, MariaDB, Firebase
<b>Frameworks/ Tools</b>	Code Igniter, Git, Node.js, Angular, Django, React, MeteorJS, Bootstrap, Android Studio, Apache Cordova