

NAVEEN KUMAR LEKKALAPUDI

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EXPERIENCE

- Feb 2018 - Present* **Lead, Data Science and Engineering** at [BELLHOPS](#), Chattanooga, TN ~1 year
- Developed data products that created unique selling propositions for company.
 - Jump started data driven culture by making data accessible and usable across the organization.
 - Built state-of-art data platform to deploy machine learning models into production.
- Mar 2015 - Present* **Full Stack Engineer** at [BELLHOPS](#), Chattanooga, TN ~3 years
- Worked as Django developer building core marketplace features which included writing custom packages, middleware, and API.
 - Developed features in React.js which were used by 200,000 monthly users.
 - Architected business ideas into technical solutions including mission critical accounting systems, data modeling market specific product offerings.
 - Mentored junior engineers and helped transition technology team from 11 engineers to 25 by actively participating in defining best software engineering practices.
- August 2015 – Feb 2018* **Data Engineer** at [BELLHOPS](#), Chattanooga, TN ~3 years
- Architected and built ETL pipeline using transactional, unstructured and web scraped data from numerous sources into data warehouse.
 - Owned entire data infrastructure from dev-ops to visualization tools.
 - Conceptualized and developed innovative business metrics by creating new data sources.
 - Stack: AWS + Docker + Postgres + Python + Metabase
- June 2015 - August 2015* **Data Engineering Fellow** at **Insight Data Science**, Palo Alto, CA 3 months
- **REBOT**: Debugging as a service.
 - Built a data pipeline to mine web for error stack traces and suggest best solutions.
 - Built an API to query for most viable answer and to build models for better predictions.
 - Stack: Kafka + Flume + Spark + HDFS + Elasticsearch + Flask.
- Jan 2014 - Jan 2015* **Graduate Research Assistant** at **WVU**, Morgantown, WV 1 year
- Worked with NASA to develop ML algorithm that helps managers make decisions on their projects.
 - **CROSSTREES**: Visualized project estimations using decision trees with a combination of principle component analysis, and spectral clustering running under O(N) complexity.

EDUCATION

Aug 2012 - Dec 2014 **Master of Science (Computer Science)**
West Virginia University, WV, United States

EXTRA-CURRICULAR ACTIVITIES

- Chaired a panel discussion on monetizing data using data pipelines and visualization with local industry experts at startup week Chattanooga.
- Member of 1st place team at the *Mid-Atlantic Collegiate Cyber Defense Competition '2014* virtual qualifier and attended 2-day regional qualifier at Laurel, MD.
- Member of WVU's cyber security team for *National Cyber League*, finishing 4th nationally and 2nd in Eastern Conference.

SKILL SET

Languages: Python(django, airflow), Javascript(React) Devops: Docker, Ansible, AWS. Databases: Postgres, Redshift.
