

Jitendra Kalyan

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EXPERIENCE

JP MORGAN CHASE & CO | HYDERABAD, INDIA

Associate Software Engineer(Feb 2021 – Present)

Software Engineer (Jul 2018 – Feb 2021)

Operational Insights Product

- Designed and developed a decoupled system to automate the process identifying anomalies in production capacity/volumes data and notify the stakeholders with actionable insights.Reduced the detection time for stakeholders from couple of hours to a few minutes.
- Configured and implemented deployment pipelines using in house tools to perform automated deployments to all environments.
- Contributed to development and deployment of Apache Airflow in kubernetes environment to improve the efficiency of data processing and ml pipelines.
- Contributed to migrating from legacy SAS reports by developing power bi reports using t-sql.

Named Entity Recognition system

- Designed and developed a django application to perform entity tagging on production data to identify patterns and insights and populate tagged data for graph db consumption.

IT Ops Transformation and modernization

- Contributed to design and development of a self serviced application to automatically identify automation opportunities from large quantities of production toil data using Machine Learning.
- Implemented NLP models including word2Vec, Doc2Vec to derive insights from a large number of documents to identify and quantify potential automation from change plan documents.

Force for Good - Tech for social good

- Contributed to development of a web platform for the Youth 4 Jobs foundation. An NGO which train physically challenged students for employment opportunities.
- The project was built using AWS services which include AWS EC2, S3.

PROJECTS

- Developed an application to to visualise production product flows to observe incidents and changes in real time.
- Developed a web application to automatically determine key aspects and their sentiments from customer reviews using Aspect based sentiment Analytics.

PUBLICATIONS & AWARDS

- Real-time Aspect-based Sentiment Analysis on consumer reviews link:// **Advances in Intelligent Systems and Computing, vol 1079. Springer**
- Customer Obsession award for resolving key blockers using automation.
- Certificate of Recognition for top contribution to Coder Club initiative at JP Morgan Chase Co.

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Python • Java • JavaScript • C/C++

FRAMEWORKS

Django • Angular • Flask

DATABASES & TOOLS

MySql • MsSql • Oracle • Git
Jira • Jenkins • Confluence

CLOUD COMPUTING

Docker • Kubernetes
AWS • Cloud Foundry • Heroku

SKILLS

Machine Learning • NLP
Scrum, Agile • Test-driven
development • Object-Oriented
Programming

LEADERSHIP

- Mentored over 700 students by playing the role: Subject Matter Expert in the Code for Good hackathons for the last 2 years.
- Coached 3 fellow middleware engineers to learn and work on Python projects for their career transformations.

CERTIFICATIONS

Certified Kubernetes Application Developer[CKAD], 2021 (currently pursuing)

EDUCATION

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

BE/B.TECH IN COMPUTER SCIENCE

May 2018 | Hyderabad, India

Cum. GPA: 8.54 / 10.0

LINKS

Github:// **pjk23**

LinkedIn:// **jitendra kalyan**