

BHASKAR JYOTI SAIKIA

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DATA SCIENCE | SOFTWARE ENGINEER | MACHINE LEARNING

An enthusiastic, versatile professional with master student in Big Data Science in Queen Mary University with varied work experiences within the UK and overseas. I have a clear, logical mind with a practical approach to problem solving and a drive to see things through to completion. I have a great eye for detail. I am eager to learn, and I enjoy overcoming challenges.

SKILLS

Statistical Analysis Tools:

Python, Java, MATLAB, Big Data Processing, Hadoop, Spark, Weka, Jupyter Notebook, Docker, Kubernetes

Machine Learning framework:

Tensorflow, Deep Learning, Scikit-learn, ML.Pack

Backend and frontend:

Python, JavaScript, Node.js, Flask, jQuery, HTML/HTML5, CSS/CSS3

Cloud Computing:

AWS, Google Cloud Platform (GCP)

Web Server related:

Apache, Nginx, ftp, email, firewall, backup, system monitoring and security

Version Control:

Git, SVN, CI

Database:

MySQL, MongoDB, Oracle SQL, PostgreSQL

CERTIFICATES

Certification in Java by Oracle (OCJP ~ 93 %)
Oracle SQL Associate Developer certification (OCA ~ 89 %)

EDUCATION

Master of Science (2018 - 2019)

Big Data Science
Queen Mary, University of London (UK)
(Course Representative)
(Football team player)

Bachelor of Engineering (2011 - 2015)

Computer Science

EXTRA-CURRICULAR:(Feb 2019)

Organised a hackathon competition globally which was a joint competition between the London University and Beijing University. In which participants have to code & come up with their own idea of productivity, for which the tools provided are DJI drones.

[Competition link is here](#)

EXPERIENCE

ACADEMIC PROJECT – LONDON, UK

Sep 2018 – July 2019

Final year Project:

Detecting real-time face detection person and following by drone using deep learning tensorflow. And integrating machine learning with mobile apps. *(In progress)*

Big Data Course Work Project:

Implemented in both Spark and Map/Reduce. Identified different types of users e.g. “whales” (volume trader/“holder” of BTC), merchant accepting BTCs, or possibly criminal organizations, from the Bitcoin dataset.

GitHub : <https://github.com/bha6kar/BigDataProject.git>

Cloud Computing Project:

Developed Web application, which provides a dynamically generated REST API. Foreign exchange currency application with user login & live update of the data. Used react as front-end JavaScript library & MongoDB as database and server side in Python using JWT authorization token. Deployed in AWS & GCloud with kubernetes clusters.

GitHub : <https://github.com/bha6kar/CloudComputingProject.git>

Data Analytics Project:

Analysed the stock data and made prediction using machine learning and deep learning algorithms. Used stock data from yahoo API, LSTM model with keras and ADAM optimizer, for prediction of stocks AAPL, GOOGL. Tableau for pattern recognition.

GitHub : <https://github.com/bha6kar/DataAnalyticsProject.git>

Twitter Sentiment Analysis:

GitHub: https://github.com/bha6kar/twitter_scrubbing

Wine Quality Prediction:

GitHub: <https://github.com/bha6kar/wine-quality-prediction>

DISTRICT TECHNOLOGIES – LONDON, UK

Nov 2018 – April 2019

SOFTWARE DEVELOPER

- Developed Alexa skills for the organisation.
- Implemented react, node js application and deployed them in AWS.
- Used AWS lambda with serverless and SAM cli.
- Implemented Alexa Skill kit and deployed in AWS.

Keywords: Python, Flask, web server, AWS, GCloud, Java, VS Code, JavaScript, API, jQuery, html, Micro services, CSS, PostgreSQL, git, CI/CD, Jenkins, Tableau, TDD

EDELWEISS– MUMBAI, IN

Jan 2018 – Aug 2018

SOFTWARE DEVELOPER

- Designed and developed schema data models for Fraud of Banking and saving cards.
- Developed database objects, including tables, views and materialized views using SQL.
- Coordinated statistical data analysis, design, and information flow.
- Implemented various back-end features including complex workflow rules, hibernate entities, DAOs, services for business logic.

Keywords: web server, AWS, Java, eclipse, VS Code, JavaScript, jQuery, ajax, html, CSS, PostgreSQL, git, Jenkins, TDD

ATOS– MUMBAI, IN

Jun 2015 – Jan 2018

SOFTWARE DEVELOPER

- Analyzed and designed relational databases using Oracle.
- Streamlined deployment process by developing continuous integration tools.
- Split and decreased 80% network peak flow in online environment.

Keywords: web server, AWS, Java, eclipse, VS Code, JavaScript, jQuery, ajax, html, CSS, PostgreSQL, git, Jenkins, TDD