

ANKIT RATHORE

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Skills

Programming: Java, MySql, JavaScript, HTML, CSS, Ajax, jQuery, Python, C, C++

Tools & Frameworks: Spring MVC, Json, Git, Jenkins, Jira, Linux, Redis, Cassandra, Kafka, Hive, Apache Spark

Soft skills: Leadership, Ownership, Teamwork, Adaptability, Management

Work Experience

Times Internet Ltd, Noida, India

[July,2016-Aug,2019]

Java Developer

- **Demographic Prediction:** Engineered algorithms to predict the gender of the unknown non logged-in users with an **accuracy of 81%**, which subsequently resulted in **9% revenue growth** of the company.
- Conceptualized and built **Rule Engine UI** from scratch, which enables advertisers and publishers to do rules-based targeting of the audiences.
- End-to-end responsible for writing **RESTful APIs** and streamlining data interaction between Rule Engine UI and database under **Content Feed Personalization** project.
- Designed **dashboard** for advertiser to monitor and spending, ctr, impressions, reach and other factors.
- Re-designed the **auditing logging system** and migrated it from MySql to the **Cassandra Database**.
- Automated audiences uploading to Google DoubleClick server using java **Cron Scheduling** for targeting the audiences and leveraged knowledge of **OAuth2** authentication method to connect to the external api.
- Collaborated with different teams for **design reviews**, testing, deploying to production for easy integration of product.
- Leveraged knowledge in Full Stack development with Git, Jira, Junit, Jenkins tools, Solr search, Redis Cache and Kafka streaming in Agile methodology.

Education

Masters of Science in Computer Science

[Aug 2019 – May 2021]

The University of Texas, Arlington

CGPA 3.63/4.00

Relevant Courses: Data Mining, Database, Software Engineering, Software Testing

Bachelors of Engineering in computer engineering

[July 2012 – May 2016]

Netaji Subhas Institute of Technology

CGPA 7.3/10

Relevant Courses: Algorithm & Data Structure, Operating Systems, Computer Architecture

Relevant Projects

Text Review Classifier(demo), UT Arlington

[Aug,2019-Dec,2019]

- Developed a classifier to classify the text reviews given by user as ratings out of 5 stars.
- Built Naïve Bayes classifier [model](#) based on TF-IDF weighting with an accuracy of 60.76% on cellphone review dataset of 10,000+ reviews.
- Documented [analysis](#) of different classification model used on different sized dataset up to 65k+ data.
- Utilized: Python, NumPy, Pandas, Matplotlib, Flask Framework, HTML, Git

Search Engine for Cellphone & Accessories on Amazon, UT Arlington

[Aug,2019-Dec,2019]

- Built a search engine in Python which return the most relevant cellphones and accessories related to the searched query, from a set of 30,000+ items in dataset.
- Used TF-IDF weighting [method](#) to calculate the similarity scores and displaying top 10 items.

Multi-Clients Chat Application, UT Arlington

[Jan,2020-May,2020]

- Developed a chat [application](#) using Java and Java Swing which allow user to send/receive messages to/from other online/offline users.
- Utilized: Java Socket Programming, Java Swing, ActiveMQ

Image Steganography, NSIT

[Dec,2015-May,2016]

- Built an algorithm to hide the secret text message in an image in a cryptic form for safe transmission.
- Implemented 3 least significant bit message hiding technique using python and made UI for encryption/decryption of secret message.
- Utilized: Python, HTML, JavaScript

Achievements & Honors

Aspire Recognition Award at Times Internet Ltd

[2017-2018]

Director of Technology & Web Operations at The Rotaract Club of NSIT

[July,2015-May,2016]

Assistant Manager of Event Management at The Rotaract Club of NSIT

[July,2014-July,2015]

Volunteered for SANKALP under Rotaract Club

[2012-2014]

Awarded CSRL Super 30 scholarship & volunteered for doubt clearing session

[2011-2012]

Cracked and secured rank in All India level Joint Entrance Exam

[2011-2012]