ANKIT RATHORE

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Education

MS in Computer Science, specialization in AI/ML and Database **(GPA 3.67/4.0)**   **[Aug,2019-May,2021]**
The University of Texas, Arlington
Relevant Courses: Data Mining, Database, Data Analysis & Modelling Techniques

Bachelors of Engineering in Computer Engineering   **[July,2012-May,2016]**
Netaji Subhas Institute of Technology, India
Relevant Courses: Algorithm & Data Structures, Operating Systems, Computer Architecture

Skills

Technical Skills
- Programming: Java, MySql, Javascript, HTML, CSS, Ajax, Python, C, C++
- Tools & Frameworks: Spring MVC, Flask, Git, Jenkins, Jira, Redis, Cassandra, Kafka, Hive, Apache Spark, Linux

Soft Skills
- Leadership, Ownership, Teamwork, Adaptability, Management

Business Experience

Times Internet Ltd, Noida, India
Java Developer   **[July,2016-Aug,2019]**
- **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.
- Built **Rule Engine UI** from scratch, which enables advertisers and publishers to control the spending and 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.
- Re-designed the **auditing logging system** and migrated it from MySql to the **Cassandra Database**.
- Developed **cron scheduling** system for uploading and targeting the audiences using Google DoubleClick server and leveraged knowledge of **OAuth2** authentication method to connect to the api.
- Leveraged knowledge in Full Stack development with Git, Jira, Junit, Jenkins tools, Solr search, Redis Cache and kafka streaming.

Relevant Projects

Review Classifier(Link)**, UT Arlington**   **[Aug,2019-Dec,2019]**
- Developed classifier to classify the reviews of the phone on Amazon to one of the rating classes.
- Created a web page using flask framework and HTML to interact with the backend code.
- Utilized: Python, numpy, pandas, matplotlib, Flask Framework, HTML, Git

Search Engine, **UT Arlington**   **[Aug,2019-Dec,2019]**
- Developed a Information Retrieval (TF-IDF method based) search engine using Python, Flask Framework, HTML, Git

Image Steganography, NSIT   **[Dec,2015-May,2016]**
- Built an algorithm to hide the message in an image in a cryptic form.
- Implemented 3 least significant bit message hiding technique using python and made UI for easy understanding
- Utilized: Python, HTML, Javascript

MedBase, NSIT
- Created a simple UI based inventory management system.
- Utilized: Java, 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]**