

Rohit Keswani

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Portfolio: <https://rohitkeswani.github.io/portfolio/>

EDUCATION

- Rochester Institute of Technology** Rochester, New York
• *Master of Science - Computer Science; GPA: 3.36* Aug 2017 - May 2020
Courses: Foundation of Algorithms, Data Structures, Object Oriented Programming, Distributed Systems, Foundation of Networks, Big Data Analytics, Foundation of Computer Vision.
- University of Mumbai** Mumbai, India
• *Bachelor of Engineering - Information Technology; GPA: 6.88* Aug 2013 - May 2017
Courses: Data Structure and Algorithm Analysis, Database Management Systems, Cloud Computing, Web programming, Operating Systems, Systems and Web Security.

SKILLS

- **Programming Skills:** Java, Python, Puppet, JavaScript, SQL, Bash.
- **Web Development:** HTML, CSS, MERN(MongoDB, Express, React and Node.js) Stack, Bootstrap.
- **Software Development Tools:** Gradle, Jenkins, Jira, Docker, GIT, Apache Kafka, REST API's, Artifactory, Springboot, JUnit.
- **Databases:** MySQL, OracleDB, MongoDB, WEKA, Tableau.
- **Platforms:** Linux, Web, Windows, macOS, AWS, OCI.
- **Soft Skills:** Leadership, Communication, Writing, Public Speaking, Time Management.

EXPERIENCE

- Paychex Inc.** Rochester, NY
• *Software Developer Intern* Jan 2019 - Aug 2019
 - **Technologies:** Java, Springboot, Gradle, SQL, Apache Kafka, Docker(Openshift), Jenkins, XLDploy.
 - **Quality Gating Application:** Worked in a team of 5 to develop automated quality gating application by checking the statistics of Paychex applications with help of REST endpoints.
 - **Micro-service:** Developed a micro-service using Apache kafka to perform asynchronous updates to Oracle database.
 - **Automation:** Created Gradle plugin, performed routine automation with shell scripting and configuration management for jenkins agents with Puppet.
- KSM Marine Logistics Pvt. Ltd.** Mumbai, India
• *Web Developer Intern* Jun 2017 - Jul 2017
 - **Technologies:** HTML, CSS, Bootstrap Framework, PHP, API.
 - **Web Application:** Developed an informational web application web application for shipping and logistics company.
 - **Google API and email redirection:** Utilized google maps api keys for providing directions and redirected inquiry form details from website to email id.
 - **Case Status:** Provided shipping details to clients with help of API's leading to reduction in calls for shipment status.

PROJECTS

- **GoTravel : Web application to buy travel packages(in-progress) (Tech: MERN(MongoDB, Express, React, Node.js) Stack, HTML, CSS):** Developing a web application to buy travel packages. Implementing CRUD functionality, with User authentication and payment gateway integration. (Web Development, Full Stack Development)
- **Publisher/Subscriber System (Tech: Java, JUnit, Docker, GIT):** Developed a messaging queue with Publisher Subscriber system to resemble a blogging environment. Used Socket programming for communication, performed JUnit Testing and deployed on docker containers. (Distributed Systems, Messaging queue, Unit Testing)
- **Touchstone - Benchmark Framework For Tensorflow (Tech: Python, TensorFlow, os, psutil, sysstat):** Developed a framework to gather run-time statistics of TensorFlow models, and perform workload distribution to reduce job execution time and increase resource utilization.(Distributed Systems, Workload distribution, Run-time Statistics)
- **Distributed File Retrieval System (Tech: Java, RMI, Docker, GIT):** Developed a peer-to-peer system to push and fetch files from over the private network using Distributed Hash Tables. Deployed the project on local docker containers. (Distributed Systems, Peer to peer network, Containerization)
- **Do it Today: your own to-do list web application (Tech: React, HTML, CSS, AWS):** Developed a web application to create a to-do list. Implemented functionalities such as Adding tasks, deleting tasks, editing tasks and clearing all tasks. Hosted the project on AWS. (Web Development, AWS)
- **Wirebug: your own Wireshark (Tech: Java, Wireshark):** Developed a program to analyze network packets. Retrieved information from the packets such as protocol used, sender and receiver IP address and payload information. (Networks)
- **Airline On-time performance statistics (Tech: Java, Python, JDBC, SQL, Tableau):** Collected airline data, pre-processed and prepared it for analysis. Performed Logistic Regression, K-NN Classifier and Decision Tree algorithms to predict the performance of airlines. (Database, Machine Learning)