

Rohit Ghumare

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EDUCATION

- **Datta Meghe College of Engineering** Navi Mumbai, India
(Affl. Mumbai University; B.E in Computer Engineering); GPA: 8.12/10 August 2016 - October 2020
- **Royal Jr College** Dombivali, India
(Computer Science; Maharashtra Board of Secondary Education); 72.46% May 2014 - April 2016

PROGRAMMING SKILLS

- **Languages:** Python, Groovy, Terraform, Ansible, Java, SQL, JSON, NoSQL, HTML, CSS, RASA
- **Technologies and Frameworks:** AWS, Azure, RedHat Tools, MLOps, DevOps Tools, Openshift, Codefresh, Jenkins

EXPERIENCE

- **Reverie Language Technologies Ltd** Bangalore, India
Software Engineer (Speech/NLP) - Full time Dec 2020 - Present
 - Part of the Research and Development(R&D) team that serves over 5 million people requests daily.
 - Followed the Agile model and worked extensively in Python, Postman, Docker, Kubernetes and Azure technologies for deployment.
 - Used Machine learning to train and build extensive Language models for Reverie API improvement and build IVR Bots for Reverie Voice suite.
- **H-Bots Robotics Pvt Ltd** Hyderabad, India
DevOps Cloud Engineer Jun 2020 - Dec 2020
 - Setup and managed 50+ Linux servers with 99% up-time.
 - Managed continuous deployment of Machine Learning based robot on Amazon Web Services.
 - Developed and Deployed multiple chatbots from scratch which helped to increase in revenue growth by 30%
- **Katonic.ai Pyt Ltd** Sydney, Australia
AIOps/MLOps Engineer - Contractual Work Aug 2020 - Sep 2020
 - Setup and managed early stages of platform which solves Chain Risk and Incident Rise Predictions problems.
 - Built ML models and MLOps platform on Kubeflow, ServiceNow and Amazon Web Services.
- **LinuxWorld Informatics Pvt. Ltd.** Jaipur, India
MLOps Cloud Engineer - Intern April 2020 - Jun 2020
 - Used DevOps Tools to create pipeline for entire MLOps product which can automate training for models from scratch to deployment and production.
 - Worked on multiple cloud platforms and IaC(Terraform, Ansible) to integrate all technologies(Machine Learning, DevOps and Hybrid Multi Cloud.

PROJECTS

- **PREDICTION OF DISEASE & PESTICIDES USING IMAGE PROCESSING OF UNHEALTHY CROPS** An attempt to solve the issues faced by our farmers, Application to detect the disease affected unhealthy crop by just clicking the image of the leaf of that plant and then using CNN (TF+Keras) model made from scratch(accuracy 95%) connected to Application developed using flutter will show the Confidence, Disease and Pesticides recommendation to cure the disease.
- **DISEASE PREDICTION USING MACHINE LEARNING** Online tool to predict the diseases of a person by providing various types of symptoms. We used two types of algorithms viz. Naive Bayes and Decision tree for classification of classes to predict the disease.
- **Deploying Infrastructure for Web Application on Amazon EKS** Used Kubernetes services on Cloud to launch Web Application with Load balancer i.e. Amazon Web Service EKS to launch Wordpress Application with auto-scaling.
- **Automation using Kubernetes from Developer to Production System for CI/CD** Used docker and Jenkins for Automation of the complete Job chain between Developer, Quality Assurance Team, and Production Team. It creates Kubernetes resources like Pods, ReplicaSet, Deployment, PVC, and Service in the place of Docker to perform CI/CD.

CERTIFICATIONS

- Coursera certified Introduction to **Data Science Specialization** by IBM.
- Certification for Introduction to Machine Learning **Nano-Degree program** by Udacity.
- **RedHat** Training Certification on **Ansible for Automation (RH294)**.
- **RedHat** Training Certification for **Introduction to OpenShift Applications (DO101)**.
- **MLOps, DevOps Assembly Lines, and Hybrid Multi Cloud** Training Certifications by LinuxWorld Informatics Pvt. Ltd.

ACCOMPLISHMENTS

- **Winner** - Best Student of the Year ,2013 and 2014.
- **Second Prize** - Agri-Tech Project, International Event PRISM, 2020.
- **Winner** - Coding Premiere League and Hackathon , 2019 and 2020.
- **Data Science Mentor** - TechTable, 2020 and Student CodeIn tech., 2021.

TEACHING/LEADERSHIP EXPERIENCE

- **Event Lead** - Computer association of Technical Trends .2018 and 2019
- **Planning Head** - Computer Society of India Student Branch ,2019 and 2020.
- **Co-Founder** - TechTable Startup, IIT Madras ,2019 and 2020.
- **Founder** - Trainings&Internships Community ,2019 and Present.