

# Mahesh Dattatraya Babar

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## EDUCATION

**Fr. Conceicao Rodrigues College of Engineering, University of Mumbai**  
Bachelor of Engineering in Information Technology - CGPA: 9.31/10

2018 - 2022

## EXPERIENCE

### Quantiphi - Platform Engineer

January 2022 - Present

- Creating different AWS resources like RDS, RedShift, Airflow, IAM users and roles by providing limited access as per the need.
- Developed Infrastructure as a Code templates using CloudFormation for different AWS services like S3, Bucket Policy, KMS Key and Alias, Secrets Manager for RDS and Redshift, Glue Job and Connections, EC2 Security Group, Redshift and Parameter Group, Subnet Group, RDS Instance, DB Subnet Group, RDS Option Group, Airflow(MWAA) in both Stage and Prod Environment.
- Worked on AWS Lake Formation to build a secure data lake as per requirements of the Data Team.
- Worked on different POC's to build python scripts with different modules like SQLAlchemy, PyNaCl, Paramiko, Pysftp, and Boto3.
- Implemented Dag(Airflow) and CFT CI/CD Pipeline on TeamCity Server(JetBrains) and delivered from dev to stage and then prod.
- Built GitHub Actions workflows to deploy code to different work environments and worked on Jenkins CI/CD Pipeline as well.
- Built CI/CD Pipeline for Node.js app by setting up CodePipeline using GitHub, CodeBuild, CodeDeploy with Elastic Beanstalk.
- Major Stack:Python, Linux, AWS(S3, KMS, IAM, VPC, Secrets Manager, RDS, Redshift, Airflow, CloudFormation, Lambda), TeamCity

### Arema Technologies - Python Developer Intern

June 2021- December 2021

- Developed Smart Attendance Management System using Face Recognition, OpenCV, NumPy and Haar Cascade Classifier. - [GitHub](#)
- Worked on Web Data Scraping from websites like JioMart for analysis of all products prices and discount of different categories, NewsPapers (AmarUjala, Dainik Bhaskar) for daily News Portal, India NGOs List and Agra Yellow Pages of all categories. - [GitHub](#).

### EduBenchers - Instructor for Full Stack Web Development and Campus Manager

March 2021 - July 2021

- Created a Web Development Course of around 22 hours of content (9+ Mini Projects), mentored 165+ students till now - [Course](#)
- Took interviews for Sales and Marketing interns, after that mentored and trained all interns as a Campus Manager.

## SKILLS

**Languages:** Python, Bash (Shell Scripting), Java

**Cloud Services:** AWS, GCP

**Web** - HTML, CSS, JS, BootStrap, PHP

**DevOps:** Git, GitHub, Ansible, Terraform, Docker, Kubernetes, Jenkins, JetBrains, TeamCity

## PROJECTS ( [github.com/maheshdbabar9340](https://github.com/maheshdbabar9340) )

### Pet Nation, Team Leader & Developer

- Led a team of 5 to develop a system which helps people in finding a caretaker for their pet easily and efficiently with safety.
- Integrated with Amazon Cognito for Authentication of users, AWS Lambda for triggering events with the help of API Gateways .
- Integrated with RDS for storing details of users and requests in the table, VPC for launching AWS services like AWS Lambda.
- Monitored with alerts using Cloudwatch, Hosted with Amplify and Netlify, Used HTML, CSS, JS and BootStrap for FrontEnd.

**Tomato Leaf Disease Prediction** - Python, Alex-Net Architecture, Fast-API (Live Server), Microsoft Azure, Flutter UI, Kaggle Dataset

- Developed a user friendly system for the farmers which will help them in determining diseases of tomato leaves without bringing experts to the field and giving proper solutions for predicted disease up to 99 % accuracy.

### National Service Scheme, Fr. CRCE - Webmaster

- Developed and managed [NSS Library](#) (For MU Students), [National Service Scheme](#) (Showcases all events conducted by council).
- Created NGO website Shree Guru Jambheshwar Sewa Sansthan ([SGJSS](#)) using HTML, CSS, JavaScript and BootStrap.

## ACHIEVEMENTS & CERTIFICATIONS

- Open Source Contributor - GSSoC 2022, Hacktoberfest 2020, 2021, 2022 and [MLH Hackathon \(CuseHacks 2022\)](#)
- Google Code Jam Qualification Round 2022 - [ 3405/32000+ Participants ] - [Google Code Jam 2022](#)
- Google Cloud Badges: Cloud Engineering, Application Development, DevOps, Big Data, Machine Learning. - [Qwiklabs Profile](#).
- HackerRank 5 Star Badges and Certificates: [hackerrank.com/mahesh9340](https://hackerrank.com/mahesh9340).