Rahul Balakrishna

+91 8277758456 · rahulbalakrishna228@gmail.com · Bengaluru, Karnataka
· linkedin.com/rahul-balakrishna

SUMMARY

A Software engineer with 3+ years of experience with Java, Spring Boot, Mainframe, React Js, Node Js. Indeed an innovative thinker, initiative taker, and multi-dimensional professional with great logical and analytical skills.

TECHNICAL SKILLS

- Programming Languages: Java, , React, Python (Basics), Mainframe, PL1, and Cobol
- Framework: Spring Boot, Microservices, and Gatling.
- Web Design: HTML5, CSS, JavaScript, Servlets
- Database: My SQL, DB2, Mongo DB, Postgres and IMS
- Web/Application Servers: Tomcat
- Server Tools: Git

EDUCATION

Ramaiah Institute of Technology | Karnataka, IN   Aug '16 - Jun '20

B.E. in Electrical and Electronics Engineering

Secured 8.24 CGPA.

Seshadripuram Composite PU College | Karnataka, IN   May '15 - Mar '16

Pre University

Secured 89 % in PCMC.

KEY DEVELOPMENT PROJECTS

- **The Hotel Booking System**
  - Developed a web application for Hotel Bookings for customers to manage customer data, complaint/requirement logs, login facility, booking facilities, etc.
  - Added features to automatically generate Bills with customer's ID & accomplished notification based bill transfer using Spring Boot, Java, React Js , HTML, CSS and Bootstrap.

- **Simple audio recognition: Recognizing keywords**
  - Built and trained a rudimentary automated speech recognition (ASR) model for detecting ten different words.
  - We used a piece of the Speech Commands dataset which contains brief (one-second or less) audio snippets of commands like "down", "go", "left", "no", "right", "stop", "up", and "yes".

- **Text Classification using Optimal Machine Learning Algorithm**
  - Aimed at solve the issues related to author identification for the proposed text. To process complex text, we reduced it to a vector format. The vector format is then passed to the supervised classification algorithms to classify the text and identify the author.
  - Decision Tree, Support Vector Machine and Naïve Bayes Machine Learning Algorithms were analyzed and implemented for the above model.

- **Performance evaluation of BaTiO3 filled polymer material for High Voltage insulation**
  - Prepared the BaTiO3 fused polymeric insulator. Tested its Breakdown strength and tested various characteristic properties like aging, breakdown strength, water resistivity, and current leakage factor.
  - The performance analysis was done in comparison to the Commercial polymeric insulator validated the results to prove the polymeric insulator as a replacement for Commercial polymeric insulator

RELEVANT INTERNSHIPS

- **Summer Internship at BHEL, Bangalore.**   **Jun 2019**
  Over four weeks, I received training in core technical skills as well as hands-on experience.
  Overview of the Industry standards, safety measures, scalability, etc. according to BHEL.

- **Machine Learning Workshop, M S Ramaiah Institute of Technology, Bangalore**   **Nov 2019**
  Analysis of Machine learning algorithms like Decision Tree, Support Vector Machine and Naïve Bayes.
  Developed a text classification model using the above machine learning algorithm.

PROFESSIONAL EXPERIENCE(Software Engineer) - Infosys

Infosys India   **Jan-2021 -- May 2022**
- Trainee in Infosys on Java, Spring Boot Services, microservices, HTML, CSS, and JavaScript.
- Mainframe developer for AIRBUS Germany and AIRBUS UK.
- Application Service Support activities and data management for Airbus Germany.
- Proof of concept to effectively extract data from IMS Database and expose the same into open source PostgreSQL Database using Spring Boot and Java.
- Decommissioning and refurbishing the existing CICS Screens
- Data deletion tasks in a Mainframe environment.

Volvo Group India Private Limited | Consultant - TEKsystems   **May 2022-Present**
- Quality Assurance Tester for Volvo Group Connected Solutions.
- Identified test scenarios, created test plans, and estimated test effort.
- Created key metrics to ensure the expected goals were met.
- Load Testing for pre-health check of the application prior to Production Environment.
- Handled Domain testing and Integration testing of our Microservice.

TECHNICAL CERTIFICATIONS/COURSES:

- Python 3 Master Class-Udemy.
- The Complete 2020 Web Development Bootcamp - Udemy.
- Ultimate AWS Certified Developer Associate - Udemy.

VOLUNTEER EXPERIENCE

- Volunteered Blood Drive in MSRIT college to raise awareness for blood donation
- Organized various events for department and college festivals, Udbhav, 2019

ADDITIONAL INFORMATION

- Languages: Kannada(Native), Telugu(Native), English (Professional)
- Interests: Reading, Music, Film Making & Editing.