**Rahi Barot**

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Software Developer who can turn your idea into reality. Currently working remotely as a junior developer. Strong with experience in Java, Python and mainframe technologies. Willing to learn new technology simply for personal interest and to meet your team’s needs.

**WORK EXPERIENCE**

**MediSavant Inc Remote**

***Junior Java Developer*** *(June 2020 – current)*

Maintaining Blue Ship Hotel's System in all Fairbridge Hotels and partnering groups.

Using knowledge of Core Java, Data Structure and algorithms to maintain update integrated CRM tools in a timely manner.

Modifying web POS system based on Spring MVC framework to meet the need of hotel groups.

Collect information from the channel chief of each lodging, and after that utilize hibernate framework to spare it on the FairCloud.

Generate Analytics reports by integrating Google Analytics according to the strategic needs of the hotel group.

Participate in the creation of database design, tables, views, stored procedures, functions, triggers, and indexes.

In the event of an emergency (such as a power outage), maintain and test the disaster recovery system in time.

Successfully installed Kafka with all the required dependencies into the FairCloud servers

Problem solving technical issues that arise during SDLC.

**Bank of America Richmond, VA**

***System Engineer/Mainframe Developer*** *(June 2019 – July 2019)*

Accumulate Metrics Data and storing it into distributed ledger as a MS Excel file using Rexx and JCL languages

Debugging code in Cobol, JCL, DB2 queries, etc. given by team members to get more accurate system data

Learned software such as NetView, Omegamon, Tso, Z/OS, Red Hat, etc. via team collaborations.

Worked on daily on-call task, examine framework and attended overview given by other BofA teams.

Attending training sessions and completing follow up assessments to learn and grow within the Enterprise Computing

**Facelegal App New York, NY**

***Web/Application Developer*** *(May 2018 – Aug 2018)*

Created landing page for the mobile application that gives an overview using React JS to render HTML and css pages and Node JS to create responses.

Utilized Bootstrap framework to meet to design requirements of the project

Gathered Data related to user info, user experience, system errors, etc. as json objects and stored it into MYSQL database.

Collaborated with team member to code, structure and build up a world class React native based mobile application as full stack developer.

Worked with Agile Methodology in SDLC using trello to communicate and track progress of the project

Learned and utilized new programming languages such as ReactJS, NodeJS, React native, MySQL, etc.

**EDUCATION**

**New Jersey City University** **Jersey City, NJ**

 Bachelor of Science (BS)May 2020

 **Major:** Computer Science**, GPA : 3.3**

**Bergen Community College** **Paramus, NJ**

 Associates of Science (AS)2016-2018

 **Major:** Computer Science**, GPA : 3.35**

**RESEARCH PROJECTS**

**Blockchain on Mainframe** *(April-Aug 2018)*

Built up a project that is part of an exchange between two parties using the blockchain and stored in a common ledger running on the mainframe. After successfully completing the project, demonstrated it on event sponsored by IBM at Marist College.

**Stock Analysis** *(Sep 2018- Dec 2018)*

The project involves calculating SMA, EMA, RSI and MCAD based on the current date and previous year's inventory information collected by Yahoo Finance. The project has been developed as an AI project; Scored A+

The project is currently used as a library on Python.org. <https://pypi.org/project/stockAnalysis>

**Build Bots - a construction robot (SE Capstone project)** *(Jan 2020- May 2020)*

This project is to create a project using robots that solve real problems. The project aims to reduce manpower in the construction industry, because most of the work in the construction industry is done by hand. Scored A+

**SKILLS**

**Technical:** Java, AWS, Java EE, Spring Framework, Hibernate Framework, REST, JDBC, Apache tomcat, Kafka, API, C++, Python, C#, MySQL, OpenCV, numpy, matplotlib, NLTK, Node js, react native, react js, Db2, Jcl, rexx, z/OS, Assembly Language, Cobol, z/VM, Linux on z system, Unix, , CICS, DB2,, VB, .NET, command prompt, Git, Html, Ms Office, Ms Word, power point, excel

**Soft:**  Complex Problem Solving, Critical Thinking, Creativity, People Engagement, Leadership, Tutor, Team coordinator, Fast Learner, hard worker, Time management, Analytical and critical thinker, Skilled multi-tasker, Event Organizer, Quick adapting to new skills, methods, etc.