RAJA RAM SHARMA

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EDUCATION

Galgotias University   **Aug. 2017 – May 2021**
Bachelor of Technology in Computer Science   *Greater Noida, Uttar Pradesh*

CBSE New Delhi   **Aug. 2014 – May 2016**
Senior Secondary School in Science   *Ramesh Nagar, New Delhi*

EXPERIENCE

Software Engineer I   **Nov 2021 – Current**
Micro Focus   *Bangalore, India*
- Working with R&D team of **Data Protector** i.e. A Cross Plateform Enterprise Data Backup & Recovery Solution. Contributed on Virtualization(**VMware, H3C CAS**) and database (**PostgreSQL**) integration module. Product provides a way to backup and restore of virtual machines and databases.
- Work on Major and Patch Release of product, Provide Solution of Esclated Customer Problem on different environment Window, Linux, vCenter.
- Write modular, secure, and well tested code in **C++** and **Perl** script as per features requirement.
- Fixes many loopholes and feature bugs in product code base.

Software Engineer Intern   **Feb 2021 – Nov 2021**
Encore Capital Group   *Gurgaon, India*
- Worked with Team that provide solution for **Credit Management and Recovery** to American Express.
- Worked on **MuleSoft's Anypoint Plateform** using its connector implemented API to transfer files from **SFTP** to **S3** storage and if new file uploaded or modified existing file on SFTP than send automated mail.
- Worked on **AWS** services like **Lambda, S3, CloudWatch** and **EC2** to provide solution for data transfer and monitoring.
- Collaborated with team members using version control systems such as **SVN** to organize modifications and tasks on **JIRA**.

PROJECTS

Gym Reservation Bot | *Python, Selenium, Google Cloud Console*   **January 2021**
- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

Ticket Price Calculator App | *Java, Android Studio*   **November 2020**
- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Transaction Management GUI | *Java, Eclipse, JavaFX*   **October 2020**
- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all acounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

TECHNICAL SKILLS

Languages: C++/C, Java, JavaScript, SQL
Developer Tools: Visual Studio Code, Visual Studio, Eclipse, Android Studio
Technologies/Frameworks: Node.Js, Linux, Git, HTML, CSS, Jenkins, Docker, JIRA, Database (MongoDB, PostgreSQL, Dynamodb).

ACHIEVEMENTS

- **Smart India Hackthon (March 2019) :** Achieved a 4 star fraternity ranking by the Office of Fraternity and Sorority Affairs (highest possible ranking).

- **Paymtm Build for India Hackthon (Jan 2019) :** Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.