VANSH RALHAN

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Beaumont, TX

EDUCATION

Lamar University   **Beaumont, TX**
M.S. Computer Science   *December 2022*
CGPA: 3.8

CGC College Of Engineering   **Punjab, India**
Bachelor of Technology in Electronics & Communication   *August 2017*
Percentage: 73%

KEY SKILLS & RELEVANT COURSES

Programming Languages & Databases: Ruby, Ruby on Rails, Sinatra, Core Java, Python, HTML, CSS, JavaScript, JQuery, MySQL, PostgreSQL, Elastic Search, Redis

Platforms and Libraries: Openshift, Heroku, Restful Services, Bootstrap, Sidekiq, VIM, Atom, GIT, MS Office, Vagrant, Linux, macOS

Courses: Analysis of Algorithms, Principles of Operating Systems, Software Engineering, Data Mining, Object-Oriented Programming in Java, Foundations of Computer Science, Big Data and Analytics, Python Programming

ACADEMIC PROJECTS AND CERTIFICATIONS

- Project: IPL schedule: Built a Java application using Netbeans & SQL Server Management Studio
- Certificate of completion of Foundation Program under the aegis of the Infosys Connect Program
- Certificate of completion of 6 months Industrial Training on Core Java at SLR Infotech Pvt. Ltd, Chandigarh, India

CAREER RELATED EXPERIENCE

Magnon\TBWA, Noida   *Feb, 2019 - Dec, 2020*
Software Developer
- Collaborated on all stages of the web application development lifecycle, from requirement gathering to production releases
- Prepared test plans and wrote test cases based on the features and requirements of the project
- **Project:** The Lobby **-** Web application for listing products and resources used by agencies and the TBWA group. Built the web application from scratch using ruby on rails for the backend and Angular for the frontend. Integrated the application with openAM OAuth, and Adir
- **Project**: Standup - Daily standup web tool built for TBWA. Revamped the application by rails version upgrades, data migration from Edir to Active Directory and resolving transition-related challenges. Handled deployment and maintenance of the application on server using the openshift container platform

Maropost, Mohali   *Nov 2017 – Jan 2019*
Software Engineer
- Followed Agile Scrum process and actively participated for Sprint Retrospective
- Requirement analysis and preparing functional specification document
- **Project:** Send-Time Optimization & Conversion Time Optimization. Single-handedly built a microservice using Ruby, Sinatra and Elasticsearch for data analysis. Designed the microservice architecture and algorithm. Integrated the service with the Maropost's MMC ruby on rails application with sidekiq and API's
- **Project:** Maropost Marketing Cloud - online customer engagement and sales-driving solution. Worked closely with the product team and executed enhancements to features based on the requirements. Collaborated with the technical support team to quickly solve production issues

ADDITIONAL EXPERIENCE

Career and Testing Center, Lamar University, Beaumont, TX   *July 2021 - Present*
Graduate Assistant
- Responsible for admitting and assisting clients for scheduled testing
- Adhere to different exams to ensure proper measures are taken for each client
- Maintain and monitor the testing environment