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Gaurav K Ruhela

Software Engineer

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EDUCATION

Indian Institute of Information Technology Guwahati, Guwahati, Assam May 2021
Bachelor of Technology in Computer Science And Engineering CGPA 8.5/10
Primary Coursework: Object Oriented Programming, Data Structures and Algorithms, Software Engineering, Database Management Systems, Machine Learning

SKILLS

Programming / Scripting Languages Java, C++, Python, JavaScript, PHP, Git
Framework / Libraries Spring, React, Tailwind, Yii2.0
Database Servers MySQL, MongoDB, Redis, Memcached
Tools Git, Jenkins, AWS, Datadog

TECHNICAL EXPERIENCE

Software Development Engineer - 2 Feb 2023 — Present
Dealshare.in Abu Dhabi, UAE

- Streamlined the creation logic of Stock Transfer Notes (STNs) used for transferring inventory between warehouses, resulting in a 10x reduction in overall processing time and a 3x decrease in infrastructure costs. Achieved this by evenly distributing the workload across multiple smaller containers.
- Configuration of Jenkins job for deploying multiple tasks in a pipeline improving the overall deployment time by 3x.
- Led a team of backend and frontend engineers to ensure seamless implementation of payout features.
- Led a team consisting of two backend engineers and one frontend engineer to successfully implement warehouse management system features. This initiative improved manpower visibility and enhanced the tracking of inventory movement.

Software Development Engineer - 1 May 2021 — Jan 2023
Dealshare.in Bangalore, India

- Developed Warehouse Management System(WMS) to manage and track various processes of warehouses.
- Developed a comprehensive inventory movement tracking dashboard with an integrated event-driven email trigger functionality. The dashboard facilitates real-time monitoring of warehouse operations and alerts stakeholders through email notifications in the event of breaching any Service Level Agreement (SLA).
- Designed and implemented a robust Petty Cash Management System specifically tailored for efficient tracking and management of daily expenses within a warehouse environment.
- Devised and executed automated logistic partner payouts, factoring in incentives and debits, slashing processing from 1.5 weeks to a mere 1 second.

Machine Learning Intern Dec 2019 — Jan 2020
VeraTech Intelligence Gurgaon, New Delhi

- Implemented a parser using bs4(Beautiful Soup) in python to parse a website and populate mysql database with the extracted data.
- Implemented Content Based Image Retrieval System (CBIR) for finding out similar images from a huge corpus of images.

PUBLICATION

Deep Unsupervised Methods Towards Behavior Analysis In Ubiquitous Sensor Data 2020-2021

- Behavioral analysis (BA) on ubiquitous sensor data, the task of finding the latent distribution of features for modeling user-specific characteristics. These characteristics, in turn, can be used for a number of tasks including resource management, power efficiency, and smart home applications.
- [Link](#)

ACADEMIC PROJECTS

Course Registration System Sep 2020- March 2021

- A Web-based software aimed at automating the registration process of the Institute.
- Technology Stack being used was ReactJS for building UI in the frontend and ExpressJS server in the backend.
- MongoDB was used as a NoSQL Database.

AutoEncoder Aug - Oct 2019

- Implemented an AutoEncoder-based image compression method that achieved a remarkable 10x compression ratio while maintaining minimal loss in the reconstruction process.