

PRADUMAN YADAV

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Education

Maharshi Dayanand University Rohtak

B.Tech in Computer Science Engineering, CPI - 7.9/10

July 2019 – April 2023

Haryana

Achievements

Problem Solving (06/2021 - Present) Solved over 800+ questions on gfg, leetcode.

<https://auth.geeksforgeeks.org/user/praduman24yadav/practice> and done competitive programming on codechef and leetcode

Experience

Backend Development (Full Time)

Oct 2022 – Present

Nutritap Techlonogies Pvt. Ltd

Gurgaon, India

- Created **multimodule project** for Dashboard for report and auto mailing etc using REST Apis, **MySQL, JWT** and **Batch, Aop, etc**
- Created B2B Website from Scratch where we have client staff login and client admin login and also dashboard for admin who will make order from process to complete and also given client dashboard when they can see there monthly expenses
- Increased code coverage by developing **unit testing** modules using **J-Unit and Log4j2**

Backend Development (Intern)

April 2022 – Aug 2022

DCirrus Cloud Services Pvt. Ltd

Delhi, India

- Learned about working with Spring Framework and also about aws and Spring cloud
- Worked on progressive optimization algorithms and query optimization

Projects

Warehousing Solution | Java, Spring Framework, Microservices | MYSQL, Redis, MongoDB Dec. 2023 – present

- Work Flow : Mapping all the warehouses and vendors and keeping track of all goods which are coming from warehouses and going for machines or B2b delivery updating all the products and stocks which need to come or near to expiry
- Created Project used Spring boot , Given DashBoard to admins where they can keep track of it and also warehouse admins wo can update stocks and add product which are coming from venders and when the product will be dispatch we are reducing product from stock

B2B Website | Java, Spring framework, Multimodule | MYSQL, Redis | AWS

April. 2023 – Nov. 2023

- Work Flow : Creating B2B Website Using spring and React-Js In this Website Client can make bulk order also can create SubClient so that he can order and client admin can approve that order so it will be visible on our b2b dashboard so that we can full fill that order
- Created Multimodule Project used Spring boot and created Many Restful Api, created role base authentication and authorization used spring security and JWT, Creating Dc and Invoice using Thymeleaf and converting in pdf and send that through mail
- Customization:** Create split order flow in which we can split our order into small sub order and fullfill it on time and also can assign fillers and warehouse on the bases of location

Dashboard | Java, Spring Framework, Microservices | MYSQL, Redis | AWS

Oct. 2022 – April. 2023

- Worked on Project which are having all the consolidated data of machines located on different area and also given access to admins and sub admins Ex-> monthly sales, Days Wise etc
- It is the main Project as Using DashBoard only we can perform CRUD operations of user, machines, Devices etc

Dynamic Memory Allocator | Java

April. 2022 – July. 2022

- Developed a memory allocation system with **First-Fit** (Linked List) and **Best-Fit** (BST/AVL Tree) algorithms
- Optimized memory usage in **Best-Fit** Algorithm by periodic **Defragmentation** of contiguous vacant memory blocks
- Implemented **Dictionary ADT** using AVL Tree, BST, and Linked List data structures to store memory addresses

Technical Skills

Programming Languages and Libraries: C++, Java, Spring Framework, Log4j, HTML/CSS, Spring Security (JWT), Spring Mailing, MYSQL, Redis, Mongo Db, Rest Apis, Thymeleaf, JSP & Servlet, Microservices, Multimodule

Software and Tools: Git, GitHub, GitLab, Postman, J-Meter, Docker

Leadership / Interests

Building quality websites and applications with HTML, CSS, and JavaScript with Front-end Libraries React-JS Back-end JAVA , Spring Frameworks(MVC , Security , JPA , Spring-Boot) , RESTful API and Database MYSQL.