

SAURABH VERMA

B.Tech | 2019 | IIT Kanpur
Materials Science and Engineering

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PINK CAPITAL (FULL STACK DEVELOPER) _____ (Aug'20-PRESENT)

JAVA

- Used Spring Boot framework and following MVC Pattern for developing Rest APIs
- Used DAO Pattern for CRUD Operations and isolate the Business layer with persistence layer
- Connecting data source with Spring JDBC and Created Hibernate Queries for CRUD Operations
- Used Annotations for configure MVC Pattern, DAO Pattern, Singleton Pattern etc.

Node.JS

- Calling third party APIs from Node.js Backend Server
- Developed REST APIs for getting HTTP requests and send the response in JSON format

Android Development

- Created Android Application layouts using XML and used various types of Views
- Used Kotlin as a programming language and followed MVVM Design Pattern
- Created multiple screens and wrote the logic behind every view in their corresponding Fragment and Activity
- Calling APIs using retrofit for retrieving and saving the data

KRUDE BOX (E-COMMERCE PLATFORM) _____ (Aug'19-May'20)

Backend Server

- Used Python Flask framework for developing Microservices
- Developed REST APIs for getting HTTP requests and send the response in JSON format
- Used Gunicorn WSGI to forward HTTP requests from NGINX web server to Flask App

Database

- Developed a **data model** to manage data related to customers, products, orders, inventory, shopping cart.
- Created **SQL** queries for logical CRUD operations to add and update customer details, addresses, shopping cart or place and view orders, etc.
- Created **SQL** queries to retrieve the data of customers and orders and plot the graph on **MS Excel** to analyse the growth of customers, orders, average order amount, etc.

CERTIFICATIONS FROM DATAQUEST _____

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|-------------------------------|-----------------------------------|---------------------------|
| • Python Programming | • Data Cleaning and Visualization | • SQL and Databases |
| • Machine Learning Algorithms | • Data Structures and Algorithms | • Git and Version Control |

TECHNICAL SKILLS _____

Languages: Java, Node.js, Python, SQL, Kotlin, XML

Software /Platforms: Spring Boot, Flask, MySQL, Jupyter Notebook

Others: Github, Postman, DBeaver

RELEVANT COURSES _____

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|--|--------------------------|-----------------------------|
| • Computational Methods in Engineering | • Differential Equations | • Fundamentals of Computing |
| • Data Management and Decision Making | • Data Mining | • Linear Algebra |

EXTRA CURRICULAR ACTIVITIES _____

- Responsibility**
- Hospitality Secretary in Antaragni'16
 - Security Officer in Antaragni'15 and Techkriti'16
 - Finance Secretary in Antaragni'17

- Dance Event**
- Performed at Dance event in Freshers'15