

VIDIT SINGH BRAHMANIA

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PROFESSIONAL SUMMARY

Complex problem-solver with analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code. Mentored my juniors college and interns in organization.

EXPERIENCE

Associate Application Developer

August 2021 – Sep 2022

IBM India Pvt. Ltd.

- Optimized the SingleView products by streamlining workflows, reducing manual interventions, and leveraging automation techniques, resulting in a **40%** increase in operational efficiency and significant time savings for the team.
- Utilized Git for version control, **SonarQube** for code quality assurance, and **Agile (Scrum/Kanban)** methodologies for efficient project management and iterative development.
- Applied **SOLID principles** and **Design Patterns** in developing software solutions, enhancing code maintainability and extensibility.
- Collaborated closely with team-members to gather and understand project requirements, fostering effective communication and ensuring alignment between engineering teams and client objectives.

Software Engineer Intern

April 2021 – August 2021

IBM India Pvt. Ltd.

- Designed, proposed, and implemented a **chatbot** application that enhanced the organization's efficiency in accessing team services.
- Utilized Python's **NLTK library** and **Flask framework** and performed **CRUD** operations in a **MySQL** database.
- Optimized database queries by utilizing **Hibernate** for efficient data access and management, improved response times by **20%**.

PROJECTS

Note-taking Application | *Spring Boot, Hibernate, React, MongoDB, Docker*

- A full-stack web application developed using with Spring Boot for back-end with ReactJS as the front-end
- Implemented user login and authentication(**OAuth2**) and CRUD operations.
- Dynamic fluid UI using **ReactJS**.

e-Commerce Application | *Spring Boot, Java, Kafka, Docker, Kubernetes*

- An e-commerce application using **Spring Boot** utilizing the microservices architecture.
- Implemented using **microservices** architecture with **Eureka** Discovery server and **Kafka** messaging protocol.
- Connected to **PostgreSQL** database utilising **Hibernate** and **Flyway**.
- Made the application development ready using Docker

Weather Tracking Application | *Spring Boot, REST APIs, Java Collections Framework*

- Created a Spring Boot application for seamless integration with the OpenWeatherMap API, facilitating the collection of comprehensive weather data and reducing response times for queries by 25%
- Notify the user through Telegram using Telegram Bot and **Spring Scheduling**

EDUCATION

BE in Computer Science Engineering

Dr. Ambedkar Institute of Technology, KA, IN

CGPA: 8.9/10

Aug. 2018 – May 2021

TECHNICAL SKILLS

Languages: Java, C/C++, SQL, Python

Frameworks: Spring and Spring Boot, Hibernate, Flask

DevOps and API Tools: Git, SonarQube, Docker, Firebase, Kubernetes, Azure DevOps, Swagger, Postman

Cloud and Operating System: AWS, Unix, Windows

Others: Microservices, REST API, Data Modeling, Agile(Scrum/Kanban), SOLID principles, Design Patterns, Debugging, Root Cause Analysis