

Vidushi Sharma

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EDUCATION

- **DIT University** Dehradun, India
Bachelor of Technology in Computer Science
Courses: Operating Systems, Data Structure and Algorithm, Computer Networks, Database Management System
Aug 2017 - May 2021
- **The Asian School** Dehradun, India
Senior Secondary
March 2016 - April 2017

SKILLS SUMMARY

- **Languages:** Java, Javascript, SQL, Python
- **Web Technologies:** Spring, Springboot, Angular, React, Node, JSP, HTML, CSS, REST, XML, Hibernate, Bootstrap
- **Tools:** Github, GIT, Gitlab, Docker, Gradle, Maven, Vscode, Jenkins

EXPERIENCE

- **Cognizant** Bangalore, India
Full Stack Developer Sept 2021 - Current
 - **Payment gateway:** End-to-end development of a service used by a leading payment technology merchant for a sustainability initiative as a part of which optimized queries and wrote the module for their new initiative.
 - **Internal Tooling:** Engineered a robust web service dedicated to error detection and logging within the payment gateway project, ensuring seamless identification and resolution of failed transactions.
 - **Code Security:** Used CheckMarx software to identify, track and rectify code vulnerabilities in both Java and Python codebases, bolstering the system's defenses against potential threats.
 - **Code analysis:** Crafted multiple JUnit test files to ensure the reliability of the software, incorporating dependency injections for seamless integration between Java and Python components, ensuring smooth operation across different modules of the system.
 - **Optimization of queries and code:** Analyzed and optimized SQL queries and Python scripts to enhance data retrieval and processing speed, reducing transaction processing time. Enhanced Java-based code modules responsible for payment processing.
 - **Code Upgrade:** Identified and upgraded dependencies using Maven and pip for python, ensuring the software systems remained up-to-date and optimized for peak performance.
- **Cognizant** Bangalore, India
Intern March 2021 - August 2021
 - **Backend and Frontend Development:** Developed a comprehensive banking project, implementing JWT authentication for enhanced security. Seamlessly integrated Angular for the frontend and Spring Boot for the backend.
- **Indian Institute of Technology** Kapur, India
ICT Intern June 2019 - July 2019
 - **Big Data Analysis:** Completed an intensive Big Data Analytics internship at IIT, acquiring expertise in Hadoop, Pig, Hive, and Python for large-scale data processing and analysis.

ACADEMIC PROJECTS

- **Virtual Personal Assistant:** Developed a python based chatbot utilizing RE library for text interactions, streamlining operations and enhancing user experience through conversational process.
Technologies used: Python, RE library.
- **Country Project:** Leveraged MapReduce framework to perform large-scale data analysis on geographical datasets, ensuring efficient retrieval and processing.
Technologies used: Hadoop, Pig and Hive.
- **Twitter Clone:** Developed a fullstack Twitter clone fostering real-time interactions. Users can express themselves through tweets, build connections by following others, and engage with content through likes and profile exploration.
Technologies used: Spring Boot, React and MongoDB for database management.

HONORS AND AWARDS

- Completed IBM Big Data Analytics training and earned badges.
- Selected as Team lead in internship batch in Cognizant.
- Member of Computer Society of India (CSI) club.