Purva Sharma

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EDUCATION

Shri Mata vaishno devi University   Katra, Jammu and Kashmir
Bachelor of Technology in Computer Science and Engineering (CGPA - 8.6)   *Aug. 2017 – May 2021*

EXPERIENCE

TCS - System Engineer   June 2022 – Present
DGCA Project   *Gandhinagar*
- Developed APIs to store and retrieve drone data using **java and mysql**
- Applied some design patterns and added new DAO layer that **reduced the codebase by 15%**
- Responsibly addressed and accurately implemented **major flow changes for both existing and new REST flows in a short time frame**
- Leveraged **SonarQube for enhanced application reliability, security and code quality**, contributing to improved application performance and maintainability
- Actively participated in multiple **enhacement initiatives and critical bug fixes**, contributing to project success within sprint durations
- Demonstrated expertise in scrum frameworks and **Agile methodologies** with a proven track record of successfully collaborating with cross functional teams to optimize order fulfilment processes.

TCS - Assistant System Engineer   June 2021 – July 2022
DLL Finance project   *Gandhinagar*
- Contributed as a **java developer** for a Netherlands based finance company handling Journal entries transactions and month end activities.
- Created stored procedures for the file handling features to integrate the generated file to the third party
- **Optimised queries** for the report generation and **reduced the execution time from 2 minutes to 10 secs**
- Accomplished **migration** of database and **configured code according to the requirements.**
- Provided oversight and **mentor-ship to junior members of the team**

PROJECTS

Shopping Application | *Java, spring boot, spring data jpa, MySql,Apache Kafka*   June 2022 – Aug 2022
- Build an application where a business owner can create a product and the user can buy the product based on the status of the inventory.
- Implemented a functionality to mail notifications to user whenever product is available in inventory by using **Apache Kafka**
- Deployed the application on **Heroku cloud platform** with the file upload on **Amazon S3**

Blog App | *Spring boot, Spring Security, Spring data JPA, Docker, REST APIs*   May 2023 – Jun 2023
- Developed **REST APIs** to create, delete, update post and add comments to a post
- Implemented **JWT based authentication** for user login and sign up
- **Deployed** blog application on AWS cloud
- **Dockerised** the spring boot blog application

TECHNICAL SKILLS

Languages: Java, C/C++, MySQl, JavaScript, HTML/CSS
Frameworks: Spring, Spring boot , Apache Kafka
Developer Tools: Docker, AWS cloud, Eclipse

ACHIEVEMENTS

- Cleared TCS Elevate Wings Digital Programme
- Qualified Gate CSE 2023
- Recieved Star of the Month Award at TCS