**Self-Introduction about BHARGAV PAMULAPATI:**

1. I am BHARGAV PAMULAPATI, currently working with City bank as Full stack developer.
2. I have 8 years of professional experience in Enterprise software as application development, testing, maintenance, and production support.
3. As a full-stack developer, I Used Java for backend functionalities along with various frameworks, React JS, and various visualization libraries for developing dashboards and front end.
4. Throughout my career I have used various technologies like JEE, spring, HTML, CSS, JSP, Angular, Spring, Hibernate, GIT, and latest CI/CD tools for deployment purpose.
5. All major AWS services for Infrastructure setup and Deployment operations. I also have setup infrastructure for hosting the application in various lower and higher environments.
6. I have also participated in troubleshooting the production defects.

**Recent Projects (Financial Domain):**

1. I worked on Client transfer application (CTA) which is an intranet application, which used to facilitate various kinds of money transfer transactions that are ACH, Cheques, Wires, Journals.
2. We designed our UI on single page application using Angular and we have separate screens for each type of money transfer transactions that our field officers, financial advisors, bank specialists can use.
3. In backend we have microservices for all different kind of transactions and there are hosted on cloud.
4. We used AWS, Relational DB which are sequel server DB instances. We have separate DB instances for all read and write operations.
5. And all the microservices which are hosted on AWS are hosted on auto scaling group, each microservices have their own scaling policies which are auto scaling group policies (JSON policies) to scale in and scale out instances.
6. Coming to technical stack, we used Java, we have microservices/API/webservices with OracleDB/MySQLDB/MSDB/NoSQLDB/ProcedureDB we write the query to fetch the data from database and we do necessary manipulations in API, and we send data to UI as a JSON.
7. We connect to the DB using Hiberate(ORM)/JDBC. Coming to UI, I also been part of UI development, we use Angular/React as a front-end technology to develop a web app or single page application.
8. We consume API response from the backend and update the UI respectively.

**Tell me about your day -to -day activities:**

1. My day-to-day activities include creation of design documents based on user stories, coding and unit testing the changes on the module I am responsible for.
2. Occasionally involved in estimating and task creation as well.
3. I also work with our operations for deployments and production support related things.

**Agile methodology or Roles & responsibilities:**

1. currently we are working with agile methodology and 2 weeks as my scrum time, for every 2 weeks we will interact with business users for the requirement gathering, once we have requirement, then we will prepare the user stories.
2. Then we will give estimated time for the user stories in Fibonacci series, and we are using JIRA as a PM tool, we will upload all these user stories into the JIRA tool, and the user tool will be assigned to team members like us, and we are going to work on the user story, mostly the development of user stories will be assigned to me, more of working on development side, for the user story, I am going to work on the development, or on a integration either a backend work using the Spring Boot services or the Frontend work in the ReactJS.
3. Once we are done with the development, then we will write unit tests, and integration tests and we will do testing for them, and we will make sure that the test code coverage will be 90% and then we will deploy to the testing environment, then we will move into the UAT, and business users will do the UAT testing, before deploying into the production, we will give live demo to the business users, what exactly the functionality are changed for this particular sprint and then will deploy.