**Introduction:**

My self-Ravi, I’ve 8 years of professional experience in Application development, Testing, Maintenance & Production Support. Currently travelling with Accenture as a java FSD.

* frontend - React, Angular, HTML, CSS, JS, redux, axios, bootstrap, jQuery.
* Throughout my career, I’ve worked on various technologies like JEE, Spring, Spring boot, Hibernate, REST, JPA.
* database - SQL NO SQL, MySQL oracle, DynamoDB.
* cloud - AWS, - EC2, S3, lambda, ECR, ECS, cloud formation
* I worked on AWS also setup infrastructure for hosting the application in lower and higher environments.
* And involved in sprint planning to assign points accordingly.

**Project:**

In the recent project I worked on as a Java full stack developer, I was involved in developing a Hospital Management System. The goal was to create a comprehensive software solution that enables efficient management of patient records, appointments, medical staff, and inventory.

Client: Hexaplora. Duration: 3years. Domain : Health care

**Roles and Responsibilities:**

* **Understanding Requirements:** As a Java full stack developer, I collaborated closely with stakeholders, including project managers and domain experts, to understand the specific requirements of the Hospital Management System. This involved identifying key functionalities such as patient registration, appointment scheduling, medical records management, billing, and inventory management.
* **System Design:** Based on the requirements, I also involved on designing the system architecture. I determined the appropriate technologies and frameworks to be used, such as Java, Spring Boot, Hibernate, HTML, CSS, and JavaScript. I focused on designing a scalable and modular system to accommodate future enhancements.
* **Back-end Development:** In the back-end development phase, I leveraged my Java expertise to implement the core functionality of the system. I worked on Spring Boot to develop the server-side logic, including APIs for handling patient data, appointments, and interactions with the database. I ensured the code followed best practices, was well-structured, and maintained high code quality.
* **Front-end Development:** As a full stack developer, I also worked on the front-end development of the Hospital Management System. Using HTML, CSS, and JavaScript, along with modern front-end frameworks like Angular or React, I created a user-friendly interface for administrators, doctors, and staff members to interact with the system. The focus was on providing a responsive and intuitive user experience.
* **Database Management:** I designed the database schema using an appropriate database management system, such as MySQL or PostgreSQL. I ensured efficient storage and retrieval of data, proper indexing, and implemented data integrity and security measures. I wrote optimized database queries to retrieve and manipulate patient records, appointment details, and inventory information.
* **Testing and Quality Assurance:** Throughout the development process, I actively participated in testing and quality assurance activities. I wrote unit tests to verify the correctness of the implemented features and conducted integration testing to ensure smooth communication between different components of the system. I addressed any bugs or issues that were identified and performed performance testing to ensure the system could handle the expected load.
* **Deployment and Support:** Once the development and testing were complete, I worked on deploying the Hospital Management System to a production environment. I collaborated with the operations team to set up the necessary server infrastructure and configure the system for optimal performance and security. I also provided ongoing support, addressing any issues reported by users and making necessary updates or enhancements as required.

Remember, this is a hypothetical scenario, and the specifics of a project can vary based on the organization, client requirements, and the technologies being used. However, the example above provides an overview of how a recent project for a Java full stack developer in a Hospital Management System context might be approached.