**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.

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| **Full Name** | Ravi Chandra Alathuru |
| **Do You Require Sponsorship to Work in USA Now or In Future?** | Yes |
| **Validity of Work Authorization (if Applicable)** | OPT - 06/13/2024, |
| **Previous Working Experience with TCS (Y/N)** | No |
| **Primary Skillset (Mention in order of most experienced to least experienced)** | Java - OOP,  Spring Framework,  Web Development -(HTML/CSS/JavaScript),  Database. – Mysql,  Version Control Systems – Git,  Testing and Quality Assurance – (Unit Test, Integration Test),  Front-end Frameworks – Angular,  Agile Methodologies. |
| **Job ID Applied** | 271389 |
| **Last/Current Employer** | Accenture (2019-2021), |
| **Current Location** | Wichita, Kansas |
| **Total Experience (in years)** | 2 Years - Full Time(Application Developer).  8 months - Part time(Graduate Research & Teaching Assistant) |
| **Relevant Experience (in years)** | 2 Years |
| **LinkedIn ID** | https://www.linkedin.com/in/iravireddy/ |
| **Contact No.** | (316)372-6534 |
| **E-mail ID** | ravic6630@gmail.com |
| **Open for Relocation  (Yes/No)** | Yes |
| **Location Preferences** | Anywhere in US. |
| **Expected Salary** | $100K per Annum |