Manjunath D G

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Professional Summary

Full-Stack Web Developer with 3+ years of experience building responsive React.js frontends and scalable Java Spring Boot backends. Skilled in TypeScript, Redux, RTK Query, Material UI, RESTful APIs, microservices, and tools like OpenFeign, Eureka, and MySQL. Strong focus on clean code, performance, and collaboration in Agile teams.

Technical Skills

- **Languages:** Java, JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frameworks & Libraries:** React.js, Redux, Redux Toolkit (RTK), RTK Query, Zustand, Spring Boot, Spring MVC, Spring AOP
- **UI Components:** Material UI (MUI), MUI DataGrid
- **State Management:** Redux, RTK Query, Context API, Zustand
- **Backend & Microservices:** Java, Spring Boot, Spring MVC, Spring AOP, Spring Data JPA, JPQL, Netflix Eureka, OpenFeign, Spring Cloud Gateway, Spring Cloud Consul, Resilience4j, RestTemplate, Spring Actuator
- **Database:** MySQL, Spring Data JPA (CRUD operations, JPQL)
- **API & Communication:** RESTful APIs, OpenFeign, RestTemplate
- **Tools & Utilities:** Git, GitHub, NPM, Jira, Chrome DevTools
- **Testing:** Jest, React Testing Library
- **Others:** Responsive Design, Agile/Scrum Methodologies

Professional Experience

Infosys Technologies, Bangalore (*June 2022 – Present)*

Frontend Development

- Developed and maintained multiple React.js applications from scratch and in existing codebases, focusing on performance, scalability, and clean UI.
- Built reusable and modular components using **React Hooks** and **TypeScript**, significantly reducing code duplication and improving maintainability.
- Integrated **REST APIs** using **RTK Query** for efficient data fetching, caching, and state synchronization across the application.
- Utilized **Zustand** for lightweight state management in micro-frontends and smaller feature modules, improving app performance and reducing boilerplate.
- Designed and implemented complex UIs using **Material UI (MUI)** components, ensuring consistency with design guidelines.
- Worked with **MUI DataGrid** for implementing advanced data tables with features like pagination, sorting, filtering, and inline editing.

- Translated Figma mockups into responsive, pixel-perfect UI using **HTML5**, **CSS3** (Flexbox, Grid), and custom theming in MUI.
- Refactored legacy code to modern **ES6**+ syntax, improving readability, performance, and maintainability.
- Participated in **Agile** ceremonies including daily stand-ups, sprint planning, and retrospectives, collaborating closely with cross-functional teams.
- Improved performance by implementing **Lazy loading**, **Memoization**, and **Code Splitting** with dynamic imports.
- Ensured code quality and stability through unit testing using **Jest** and **React Testing Library.**
- Collaborated with backend teams to define API contracts and handle integration challenges.

Backend Development (Java, Spring Boot, Microservices) – 3+ Years

- Developed and maintained backend services using **Java**, **Spring**, and **Spring Boot** within a **microservices architecture**.
- Built and exposed **RESTful APIs** using **Spring MVC**, handling common business logic, validations, and exception management.
- Used **MySQL** for **storing**, **updating**, and **retrieving** data with **Spring Data JPA**, focusing on practical CRUD operations.
- Wrote **JPQL** queries for custom filtering and multi-table retrieval beyond basic repository methods.
- Implemented **global exception handling** for providing standardized and descriptive error responses for clients.
- Used **custom exception classes** for domain-specific errors, improving code clarity and debuggability.
- Implemented **service registration and discovery** using **Netflix Eureka** and **Spring Cloud Consul**.
- Used **OpenFeign** and **Rest Template** for inter-service communication, enabling loosely coupled service interactions.
- Applied **Resilience4j** for **Fault Tolerance**, using **Circuit Breakers**, **Retries**, and **Fallbacks** to handle transient failures gracefully.
- Configured **Spring Cloud Gateway** to handle **routing**, **authentication**, and request filtering across APIs.
- Applied **Spring AOP** for cross-cutting concerns like **logging**, **execution time tracking**, and **authorization checks**.
- Integrated **Spring Actuator** to expose health, metrics, and readiness endpoints for service monitoring and diagnostics.
- Collaborated with frontend teams on **API contracts** and participated in Agile sprint cycles using **JIRA**, **Git**,

Education- **Bachelor of Engineering (BE)**— *2017–2021*