**Kshitij Lingthep**

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**EDUCATION**

**B.S. In Computer Science** | **The University of Mississippi** |**Oxford, MS** | **Overall GPA**: 3.71 | May 2020 | Honor’s Roll

**PROFESSIONAL SUMMARY**

* Having over with **3+ years** of experience as a **Software Engineer**/ **Full Stack Java/J2EE Web Developer** with diversified exposure in analysis, design, development and implementation of web-based applications.
* Hands-on experience **in Spring Frameworks**, **including Spring 5, Spring MVC, Spring Data, Spring Boot**.
* Experience in **Spring Framework** modules such as **Spring MVC, JDBC, IO, Spring Boot, Micro services, Spring**

**REST, Spring Data JPA**.

* Experience in **Hibernate** and in using **Hibernate Connection Pooling, HQL, and Hibernate Transactions**.
* Experience with **Hibernate JPA** Entity Manager for **CRUD** Operations.
* Experience in different IDE’s such as **Eclipse, Intellij, Visual Studio Code, Data Grip, and Rider**.
* Experience in web development skills using **HTML/HTML5, CSS/CSS3, JavaScript (ES5 & ES6), Bootstrap, Tailwind, ReactJS, Redux, VueJS, VueX, Node JS, XML, AJAX, and JSON which meets W3C Web Standards**.
* Experience in implementing **Context API** and **Redux** for efficient state management in React applications, adeptly adapting each approach based on project scale and complexity.
* Experience with **Apache Tomcat Application Server**.
* Experience in using the **Log4j** framework for Logging Java Application.
* Experience in **Service Oriented Architecture (SOA)** using **SOAP web services (XML Parsers, HTTP, and JAX-WS)** and **RESTful web services (JSON, SWAGGER, Apache CXF).**
* Experience in working with relational databases like **MySQL**, and non-relational databases include **MongoDB**, writing complex **SQL Queries, procedures, Triggers and Stored Procedures**.
* Experience in building **custom npm packages** using **JavaScript** and **NodeJS.**
* Experience in **Docker image management, container orchestration, CI/CD, and resource optimization**.
* Rich experience in **agile** methodologies such as **Scrum, Waterfall, Agile model and Test driven environment**.
* Committed to excellence, self-motivator, fast-learner, team player, ability to deal with people diplomatically and a prudent developer with strong problem-solving skills and communication skills.

**TECHNICAL SKILLS**

**Languages** Java (8/11), JavaScript

**APIs** JDBC, JPA

**Design patterns** MVC, DAO, DTO, and Front Controller

**Frameworks** Spring, Spring Boot, Hibernate, Express, Micro services, Micro Frontend

**Tools and Libraries** ReactJS, VueJS, NodeJS, Tailwind, SCSS, Bootstrap, ChartJS, Echarts, Redux, VueX,

NextJS, ThreeJS, TypeScript, Element UI

**Application Servers** Apache Tomcat, Nginx, NodeJS

**IDE** Eclipse 3.x, IntelliJ, Visual Studio Code, Rider

**Build and Test Tools** Maven, Gradle, Junit, Mockito, Jest, Test Utils

**Databases** MySQL, MongoDB, Oracle, PL/SQL

**Operating Systems** Windows, MacOS, Linux

**Source Control** Git, Git Extensions, Source Tree

**Deployment** Docker, Swagger, GitHub Actions, Gitlab CI/CD, Terraform, AWS

**Project Management** GitLab, Jira

**Software Engineer | Foxconn Industrial Internet | July 2020 - Present, Mount Pleasant, WI**

* Involved in various phases of **Software Development Life Cycle (SDLC**), including requirements gathering, modeling, analysis, architecture design, prototyping, developing and testing.
* Involved in designing and implementation of **MVC** design pattern using **spring framework** for web-tier.
* Design and implement multiple enterprise applications using **Hibernate framework, Spring IOC, Spring MVC, Spring Boot, Spring JDBC, Spring Annotations, Spring Integration, frameworks, RESTful web services**.
* Implemented **Micro Services** into existing system architecture. Developed Micro Services business components and **RESTful** service endpoints using **Spring Boot**.
* Utilized **OAuth 2.0** protocol to enable secure authentication and authorization for **RESTful** APIs.
* Used ORM tool **Hibernate** along with spring framework to deal with database operations. Involved in development of **POJO** classes and writing **Hibernate query language (HQL)** queries.
* Developed and designed **UI** using **HTML5, CSS3/ SASS, JavaScript, JQuery, ReactJS/ VueJS, ContextAPI/ Redux/VueX, Node.JS and Bootstrap**.
* Implemented **Context API** and **Redux** for efficient state management in React applications, adeptly adapting each approach based on project scale and complexity.
* Highly used **ReactJS** to build a single page application and also used core components like **Components**, **Services**, and **Modules** to develop complex and robust **UI** pages.
* Implemented performance optimization techniques such as **lazy loading, code splitting, and memoization**.
* Implemented **internalization/localization** for user interaction, expanding accessibility and user engagement.
* Innovated **custom npm packages** using **JavaScript, NodeJS**, and published them to the internal npm registry.
* Used **Log4j** to capture the log that includes runtime exceptions.
* Developed **Jest, Test Utils,** **Junit,** and **Mockito** test cases to unit test the business logic.
* Setup the **Continuous Integration (CI) & Continuous Development (CD)** for the application using **Gitlab CI**.
* Set up **Google Analytics** to track and analyze website traffic, user behavior, and engagement metrics.
* Worked on an **Agile (Scrum)** Development Team to deliver regular updates to business team and project managers.
* Participated in day-to-day meetings, status meetings, strong reporting and effective communication with project managers and developers.

**Full Stack Developer | Department of Mathematics | University of Mississippi | Jan 2020 - May 2020**

* Developed an intuitive user interface with modern design principles using **React**, ensuring a seamless user experience for tracking attendance.
* Implemented **real-time data synchronization** and storage using **Firebase**, allowing instant updates and access to attendance records from various devices.
* Enforced state management techniques, utilizing **Context API** to efficiently manage application data and improve user experience.
* Created a secure user **authentication** system utilizing **Firebase Authentication**, safeguarding attendance data and providing role-based access control.
* Employed **Node.js** to build a robust and efficient backend, handling **data processing, business logic, and RESTful API** interactions with the frontend.
* Conducted thorough testing and debugging across different browsers and devices, addressing any compatibility issues and ensuring consistent functionality.
* Collaborated with a cross-functional team, including designers, developers, and project managers, to deliver a high-quality and feature-rich attendance tracking solution.

**PROJECTS**

**Windows Portfolio | Jan 2023 - July 2023**

* Created a captivating **portfolio** website based on **Windows 11 theme**.
* Built using **React** and **tailwind**, enforced **linting/code standards using ESLint/Prettier, and continuous integration/deployment using GitHub Actions**.
* Incorporated a dynamic **project gallery** showcasing previous work, complete with hover effects and modal pop-ups for detailed project views.
* Set up **Google Analytics** to track and analyze website traffic, user behavior, and engagement metrics.