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 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.