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# Vignesh M

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## Experience

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| Senior Software Engineer | Zoho Corporation | April 2018 - Present |
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- Working as a part of Zoho Tables Team, designed and built the **REST APIs** endpoints for product's listing page from scratch using **Spring Boot, Java, ReactJS**.
- Optimized the business logic of the creation api built on Spring boot to minimise the network latency to less than **200ms**.
- Handling full stack programming tasks for the development of the **Gallery View** in Zoho Tables web client using **React, Redux, Spring Boot and MySQL**.
- Mentoring the newly hired developers worked on the card builder feature which improved the aesthetics of the Gallery View.

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|-------------------|------------------|-----------------------|
| Software Engineer | Zoho Corporation | May 2016 - March 2018 |
|-------------------|------------------|-----------------------|

- Introduced Version History feature in **Zoho Sheet Web Client** using **ReactJS**, and enhanced its performance by **15%** using **LRU(Least Recently Used)** technique.
- Refactored the code base of products listing legacy API using **GraphQL** and reduced the latency of the page load by **32%**.
- Reverse engineered the 15 legacy model code related to business critical web application, uncovering the design flaws and outdated code practices fixed in the upcoming release.

## Recent Projects

**MELLO:** [LiveDemo](#)

- Mello is a project management web application ( Full Stack web app ) that allows users to create, delete, edit and reorganize stacks and cards.
- Front-end Development ( [Mello:React](#) )(UI) using **HTML, CSS, React JS** and **Redux**.
- Building the Backend using **Spring Boot, Hibernate** and **MYSQL**.
- Rebuilt([GitHub:MelloBackend](#)) the backend with **Node.js, Express** and **MongoDB**.

## Languages and Technologies

- Programming Languages - Java/J2EE, JavaScript(ES6), NodeJS, Express, ReactJS, HTML5 (basic), CSS3 (basic), Flexbox, Styled Components.
- Database - MySQL , MongoDB( NoSQL )
- Frameworks and tools - RESTful Web Service, GraphQL , Spring Boot, Struts, Servlets & JSP, Hibernate, IntelliJ IDEA, NetBeans.
- Others - Git, Mercurial, Maven, Redis
- Skills - Problem Solving, Object Oriented Programming, Design Patterns, Webpack, React Hooks, Algorithms, Web Application , Web Development, Computer Science, WebSockets, Software Design Principles, Software Development Life Cycle (SDLC).

## EDUCATION

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|-------------------|----------------------------------|---------------------|
| Coimbatore, India | Government College Of Technology | AUG 2012 - APR 2016 |
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- B.Tech in Information Technology. CGPA: 7.8/10
- Main coursework: Data Structures, Design analysis of Algorithms, Database Systems, Operating Systems, Computer Architecture, Software Engineering.