

# Kanav Raj Farishta

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## Summary

A curious and adaptable software engineer with five years of experience, passionate about crafting highly scalable architectures.

## Experience

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| <b>Pivotree</b><br><i>Senior Software Engineer</i>  | Dec 2021 – Present<br>Bangalore, Karnataka  |
| <ul style="list-style-type: none"><li>Designed &amp; implemented micro-service's architecture using Spring boot &amp; MongoDB.<ul style="list-style-type: none"><li>* Implementing CSRF validation, JWT token validation, OAuth 2.0 using okta &amp; user profiles, themes &amp; menus.</li></ul></li><li>Enhanced security by implementing double-layer encryption for sensitive data &amp; using <b>RedisDB</b> &amp; <b>Vault secret key manager</b> for API access &amp; key management.</li><li>Implemented &amp; streamlined security alert framework for all <b>12</b> microservices.</li><li>Led a cross-functional team of 3 in implementing a new feature for user sync &amp; cross-application integration.</li><li>Optimized &amp; encapsulated queries &amp; functionalities of API access &amp; reduced the overall time by <b>33%</b>.</li><li>Designed a dynamic <b>JSON Comparator</b> from scratch &amp; streamlined audit framework for the whole warehouse management system.</li></ul> |   |
| <b>BridgeSGI</b><br><i>Software Engineer</i>  | Jan 2019 – Dec 2021<br>Bangalore, Karnataka |
| <ul style="list-style-type: none"><li>Designed &amp; implemented order, invoice &amp; revenue feed for <b>Dmart</b>, using the WMS Sterling framework in Java.</li><li>Designed different warehouse management logics for <b>FedEx(APAC,MEISA,EMEA)</b>.</li><li>Implemented different functionalities of bulk upload operational portal for FedEx using <b>Spring Boot</b> &amp; <b>canJS</b>.</li><li>Designed different &amp; responsive user interfaces with JS &amp; Angular 1.0 for WMS mobile application.</li></ul>   |   |

## Projects

- Mobile App Middle ware** | *Spring Boot*
- Architected & developed a robust mobile application middleware using Spring Boot.
  - Implemented CSRF protection, session management, localization based on user & customization framework.
- Shipment micro service** | *Spring Boot, MongoDB, GraphQL*
- Developed shipment micro-service, enabling efficient querying & real-time mutation for shipment tracking & logistics data.
  - Integrated alert tool to monitor & track shipment.
- User micro service** | *Spring Boot, MongoDB, RedisDB, Vault, Zipkin*
- Led the development of a user microservice using spring boot & mongoDB, implemented authorization, authentication & API access for all **12** microservices using redisDB & **Vault**.
  - Optimized lookup operation using zipkin tracing & encapsulated user API access, achieving a **33%** improvement in data retrieval speed.
  - Implemented & streamlined security alert framework for all **12** microservices.
- Audit micro service** | *SpringBoot, MongoDB, JMS Queue*
- Designed the architecture & led the development of audit microservice using spring boot & mongoDB.
  - Developed a dynamic JSON comparator from scratch that streamlines auditing process of whole warehouse management system.

## Education

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| <b>SRM Institute of Science and Technology</b><br><i>B. Tech. Computer Science and Engineering (Percentage: 83)</i> | June, 2015– June, 2019<br>Chennai, Tamil Nadu |
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## Technical Skills

- Languages:** Java, Python  
**Technologies:** Spring Boot, mongoDB, redisDB, Zipkin, GraphQL, Kafka, RabbitMQ, Jersey Framework