

# KALKIDAN DAGNU

✉ kalajanegassykoki@gmail.com ☎ +25-1922528215 🔗 LinkedIn 🐙 Github 📁 Coding Profile

## Experience

### Saras Analytics

Nov 2022 – Aug 2024

Software Engineer II

- Developed a key feature in the flagship software, increasing user engagement by 20%.
- Collaborated with QA team to resolve bugs, enhancing software stability and performance.
- Implemented Agile practices, reducing project delivery time by 15% and improving workflow efficiency.
- Mentored junior engineers, leading to a 10% increase in team productivity.
- Enhanced product quality and scalability through continuous code review, optimization, and best practices.

### Enat Bank SC.

Nov 2019 – Nov 2022

Programmer Analyst

- Developed and implemented an automated transaction processing system, reducing errors by 15%.
- Optimized legacy codebase to enhance system performance by 20% and ensure scalability.
- Resolved critical banking system issues by collaborating with cross-functional teams, ensuring uninterrupted operations.
- Conducted code reviews, enforced best practices, and improved overall code quality.
- Mentored junior developers to enhance team capability and technical proficiency.

## Projects

### Pulse Daton Analytics

Sep 2023

- Designed and developed a high-performance real-time data analytics platform using Spring Boot (Java/Kotlin), microservices architecture, and Angular, enabling efficient processing of large-scale datasets.
- Optimized data pipelines by integrating TensorFlow-based machine learning models, improving processing speed and boosting prediction accuracy by 20%.
- Built scalable APIs and event-driven services to ensure seamless data flow, fault tolerance, and system reliability across distributed components.
- Implemented interactive dashboards with **Luzmo** and other visualization tools, delivering dynamic, drill-down insights tailored to stakeholder needs.
- Enhanced business decision-making by providing actionable real-time analytics, reducing reporting time and improving operational efficiency.

**Tech Stack:** Spring Boot, Java, Kotlin, RabbitMQ, Kafka, AWS, Docker, Argocd, Prometheus, Angular

### Daton

Nov 2022

- Developed and deployed a robust data integration platform leveraging Daton, streamlining cross-system data transfer and ensuring scalability.
- Engineered advanced data transformation algorithms within Daton, improving data quality, consistency, and reliability across pipelines.
- Automated data synchronization workflows using Daton's API capabilities, reducing manual effort by 40% and minimizing human error.
- Optimized data accuracy through validation and cleansing mechanisms, achieving a 20% improvement in reporting precision.
- Enabled seamless reporting and analytics by centralizing data flows, empowering teams with timely and reliable insights.

**Tech Stack:** Spring Boot, Java, Kotlin, PostgreSQL, MongoDB, Git, Postman, Firebase

### Share Management System

Mar 2022

- Developed a stakeholder oversight system to streamline general meetings, simplifying processes such as document distribution, tracking, and communication.
- Enabled real-time interaction through features like stakeholder engagement tools, live board member voting, and automated notifications via a Telegram bot.
- Enhanced transparency and accountability by digitizing meeting workflows and ensuring secure, auditable decision-making processes.
- Integrated the system into a banking digital framework, strengthening compliance, operational efficiency, and regulatory alignment.

- Built with React (frontend) and Spring Boot (backend), leveraging a scalable architecture to deliver reliability, usability, and stakeholder trust.

**Tech Stack:** Angular, MySQL, Spring Boot, Java

**Enat Remedy**

Nov 2019

- Architected and developed a comprehensive ERP solution integrating HR, payroll, vacancy management, leave management, and inventory management as independent microservices.
- Streamlined HR operations by automating personnel data management, employee records, payroll calculations, and leave approval workflows.
- Enhanced recruitment efficiency through vacancy tracking and candidate management modules, reducing hiring cycle times.
- Implemented robust inventory management with real-time monitoring, procurement, and distribution control for optimized resource utilization.
- Leveraged Microfrontend architecture using Angular & React for dynamic, modular UI and Spring Boot for scalable backend services, ensuring flexibility and performance.

**Tech Stack:** Java, Spring Boot, Angular, Git, Postman, Firebase

Certificate

- CERTIFICATE FOR SKILL COMPETENCY
- ANDROID DEVELOPER FUNDAMENTALS
- PRO JAVAAND SPRING 6 WITH SPRING BOOT 6
- JAVA PROGRAMMING MASTECLASS
- REACT PROGRAMMING (W/REDUX, HOOKS. GRAPHQL)

Skills

- **Languages:** Java, Kotlin, JavaScript, TypeScript
- **Frameworks:** Angular, Spring Boot, React, Hibernate, Express.js
- **Tools:** Apache Kafka, AWS, Docker, DBeaver, Prometheus, Kubernetes, Jenkins, Redis, Adobe XD, Database Performance Enhancements, ZooKeeper, Argo CD, Elasticsearch, GitHub Actions, GitLab, Grafana, Postman, RabbitMQ, Google Cloud Platform, GitLab CI/CD, Jenkins X, Docker Compose, Kubernetes Helm
- **Platforms:** AWS, Linux

Education

<b>HiLCoE School of Computer Science and Technology</b>	Feb 2021 – Oct 2024
<i>M.Sc in Software Engineering</i>	<i>Ahmedabad</i>
<b>University of Gondar</b>	Oct 2014 – Jun 2019
<i>B.Sc in Computer Engineering</i>	<i>Pune</i>

Achievements

- [https://storage.googleapis.com/bossocoderplatformindia.appspot.com/resume\\_upload\\_certificate/USER\\_ID/1754648183470\\_abc9057.pdf](https://storage.googleapis.com/bossocoderplatformindia.appspot.com/resume_upload_certificate/USER_ID/1754648183470_abc9057.pdf)