

Mr. Nisham Wagle

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Summary

Nisham Wagle is a Software Development Engineer II at Cedar Gate Technologies with 5+ years of experience delivering production software across US healthcare analytics, fintech and edtech, having strong analytical and problem-solving skills. Currently, he is building US healthcare analytics products, engineering backend services in Java and Grails over MySQL and Redis, wiring large-scale data storage through Amazon S3, and shipping analytics-facing UI in React. He is well-versed in a wide range of technology stacks such as Java, Grails, Spring Boot, React, Angular, Flutter, Dart, Python, Django, MySQL, Redis, Amazon S3 and MS SQL Server.

Moreover, he is skilled in project management, team building, and communication, with a focus on delivering projects on time. He has strong understanding, learning, and team building skills, with a track record of developing new talents. He is experienced in working across large-scale production systems in regulated, high-availability environments — including live stock-exchange trading, healthcare data and nationwide education platforms — with a strong background in Agile and Waterfall methodologies.

Key Skills

Languages:

Java, Grails / Groovy, Spring Boot, React, Angular, Flutter, Dart, JavaScript, TypeScript, Python, Django, Shell Script

Tools and Applications:

JIRA, Maven, WildFly, Tomcat, Jenkins, SQL Developer, SQL Server, IntelliJ, VS Code, Webstorm, Android Studio, Claude, Cursor, Antigravity

Database:

Oracle, MySQL, MSSQL, REDIS, Amazon S3

Operating Systems:

Windows, Linux, MacOS

Version Control Tool:

Git

Project Experience

US Healthcare Analytics, Cedar Gate Technologies, Nepal

Software Development Engineer II, Cedar Gate Technologies, April 2025 – Present

- Engineer backend services in Java and Grails for US healthcare analytics products, powering value-based care decisioning for payers and providers.
- Design and maintain the data layer across MySQL and Redis, optimizing query performance for large-scale claims processing.
- Build analytics-facing UI features in Grails, React, turning messy healthcare claims data into decisions payers and providers can act on.
- Collaborate cross-functionally with US-based stakeholders to translate healthcare data requirements into shipped features.

School/College Management ERP, E-Digital Nepal, Nepal

Software Engineer, E-Digital Nepal, September 2023 – April 2025

- Owned the web application of a nationwide School/College Management ERP built on Spring Boot, running across schools and colleges in Nepal.
- Designed and optimized the SMS/CMS service, rewriting expensive code paths and cutting the heaviest report's latency by 50%+.
- Hardened API access control and security across the platform.
- Integrated eSewa, ConnectIPS and Khalti payment gateways into the ERP.
- Led estimation, code reviews and mentoring for the engineering team.

Trade Management System Mobile Application, Nepal Stock Exchange, Nepal

Associate Software Engineer, YCO Solutions Pvt. Ltd., March 2023 – September 2023

- Managed, Mobile Application of Trade Management System, NEPSE.
- Designed, developed and deployed TMS Mobile middleware service segregating from core TMS service to serve and facilitate every user's activity from all TMS.
- Designed, developed and UI modelling of TMS Mobile Application.
- Oversee most of the third-party payment gateway integration in Mobile App service including eSewa, IME Pay.
- Research about security vulnerabilities and implement necessary preventive measures such as updating external libraries, maintaining proper access control mechanism to API and services.
- Designed and developed prototype for TMS Mobile that can make all the basic crud operation of web version of TMS.
- Conduct meetings, analyze task blockers and delegate task with proper estimation to team members.
- Mentor junior developers on good coding practice and technologies
- Conduct code reviews and provided technical guidance to team members

Trade Management System, Nepal Stock Exchange, Nepal

Associate Software Engineer, YCO Solutions Pvt. Ltd., July 2022 – Present

- Developer, Fund management module of Trade Management System, NEPSE.
- Co-developed and deployed separate standalone fund management service segregating from core TMS service to serve and facilitate every fund transfer activity from all TMS.
- Oversee all third-party payment gateway integration in TMS including eSewa, IMEPay, CellPay.
- Research about security vulnerabilities and implement necessary preventive measures such as updating external libraries, maintaining proper access control mechanism to API and services.
- Conduct standup meetings, analyze task blockers and delegate task with proper estimation to team members.
- Mentor junior developers on good coding practice and technologies
- Conduct code reviews and provided technical guidance to team members
- Collaborate with external third-party payment gateway business analysts for incorporation of new payment features such as Wallet payment, corporate payment in TMS.

Trade Management System, Nepal Stock Exchange, Nepal

Project Staff, YCO Solutions Pvt. Ltd., July 2021 –June 2022

- Working as project staff in Trade Management System, NEPSE.
- Analyzing, Development and Support of features and working on functional components for Fund Management Module.
- Development of Support Tools that can be used for monitoring and analyzing minor to major issues and to solve them.
- Working with Java with REST services, JPA Hibernate, Stored Procedures.
- Support activities like tracing logs for issues and hotfixes for bugs in production whenever required.
- Communication with clients for immediate identification of issues that arises during market time of NEPSE and providing solutions if possible.
- Analyzed and fixed errors and defects in various systems.
- Optimization of Database Scripts / Procedures / Functions/ Triggers etc.

NEPSE Online Trading System, Nepal Stock Exchange, Nepal

Intern, Lis Nepal Pvt. Ltd., March 2021 – June 2021

- Communication with clients for immediate identification of issues that arises during market time of NEPSE and providing solutions if possible.
- Optimization of Queries for stored procedures.
- Verification and validation of the daily reports.

Education & Training

- Bachelor of Science in Computer Science and Information Technology - Tribhuvan University
- Served college's OIC IT club as executive member
- Organized various IT events in college with OIC IT club
- Conducted various events to guide teachers and students for basic computer knowledges.
- Learned Java and Python during bachelor's period.