



Genin

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Kage



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# Ninja Stock Analytics

Data feed from various sources (NSE, BSE and NYSE) and Build the portfolio strength/value



No Collaboration



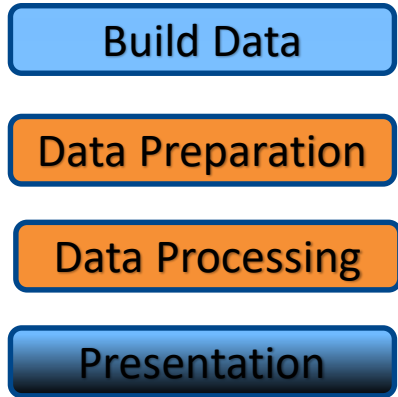
Downtime



Traceability

# Solution Architecture

## Ninja Application



## Application Log Analysis



## Kubernetes

### Master



Build – Maven  
Test - Junit  
Code Quality – SonarQube

Python

Java

JSP

## Application Log Analysis

Elastic Search  
Fluentd  
Kibana

→ Future enhancements

# SonarQube

The screenshot shows the SonarQube web interface. The top navigation bar includes 'sonarqube', 'Projects', 'Issues', 'Rules', 'Quality Profiles', and 'Quality Gates'. A search bar is on the right. The left sidebar contains filters for 'Quality Gate' (Passed: 0, Warning: 0, Failed: 1), 'Reliability (Bugs)' (A: 0, B and worse: 1, C and worse: 1, D and worse: 1, E: 1), 'Security (Vulnerabilities)' (A: 0, B and worse: 1, C and worse: 0, D and worse: 0, E: 0), and 'Maintainability (Code Smells)' (A: 1, B and worse: 0). The main content area shows the 'Spring Boot Web Ninja Dashboard' with a 'Failed' status. It displays metrics: 1 Bug, 2 Vulnerabilities, 15 Code Smells, 0.0% Coverage, and 0.0% Duplications. The last analysis was on December 20, 2018, at 6:52. The dashboard also shows '328 Java' files. The footer indicates 'SonarQube™ technology is powered by SonarSource SA' and provides version information (6.7.3) and links to community resources.

**sonarqube** Projects Issues Rules Quality Profiles Quality Gates

Search for projects, sub-projects and files...

Perspective: Overall Status Sort by: Last analysis date

Ninja

**Spring Boot Web Ninja Dashboard** Failed

Last analysis: December 20, 2018, 6:52

1 **E** Bugs | 2 **B** Vulnerabilities | 15 **A** Code Smells | 0.0% Coverage | 0.0% Duplications | 328 Java, >

1 of 1 shown

**Filters** Clear All Filters

**Quality Gate**

Passed 0 |

Warning 0 |

Failed 1 |

**Reliability (Bugs)**

A 0 |

B and worse 1 |

C and worse 1 |

D and worse 1 |

E 1 |

**Security (Vulnerabilities)**

A 0 |

B and worse 1 |

C and worse 0 |

D and worse 0 |

E 0 |

**Maintainability (Code Smells)**

A 1 |

B and worse 0 |

SonarQube™ technology is powered by SonarSource SA

Version 6.7.3 (build 38370) - LGPL v3 - Community - Documentation - Get Support - Plugins - Web API - About

# Application

**Data1**

Stock	NoOfShare	Bought	High	low	CurrentPrice	Gain
TATACOFFEE	1480	131.22	1038.4	81.3	142.95	8.94
TATAMOTORS	1480	446.99	612.4	265.8	399.5	-10.62
TATASTEEL	1480	410.5	793	199.7	705.05	71.75
TCS	1480	2479.32	3259.05	2051.9	3112.35	25.53
TITAN	1480	441.27	938.5	296.15	869.55	97.06

# Faster Delivery

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Stock	NoOfShare	Bought	High	low	CurrentPrice	Gain
TATACOFFEE	1480	131.22	1038.4	81.3	142.95	8.94
TATAMOTORS	1480	446.99	612.4	265.8	399.5	-10.62
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TCS	1480	2479.32	3259.05	2051.9	3112.35	25.53
TITAN	1480	441.27	938.5	296.15	869.55	97.06

**Data2**

Stock	NoOfShare	Bought	High	low	CurrentPrice	Gain
SBI	1480	131.22	1038.4	81.3	142.95	8.94
ICICI	1480	446.99	612.4	265.8	399.5	-10.62
HDFC	1480	410.5	793	199.7	705.05	71.75
AXIS	1480	2479.32	3259.05	2051.9	3112.35	25.53
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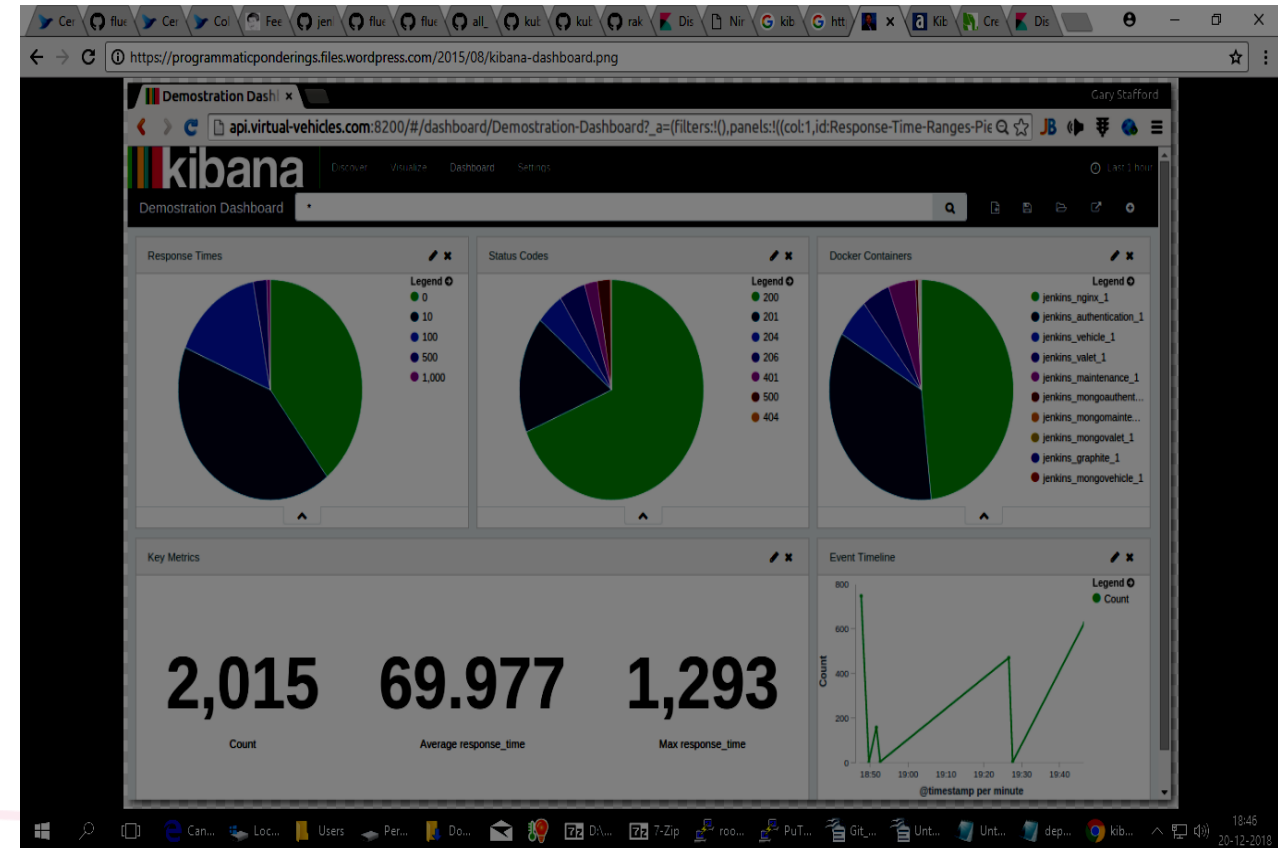
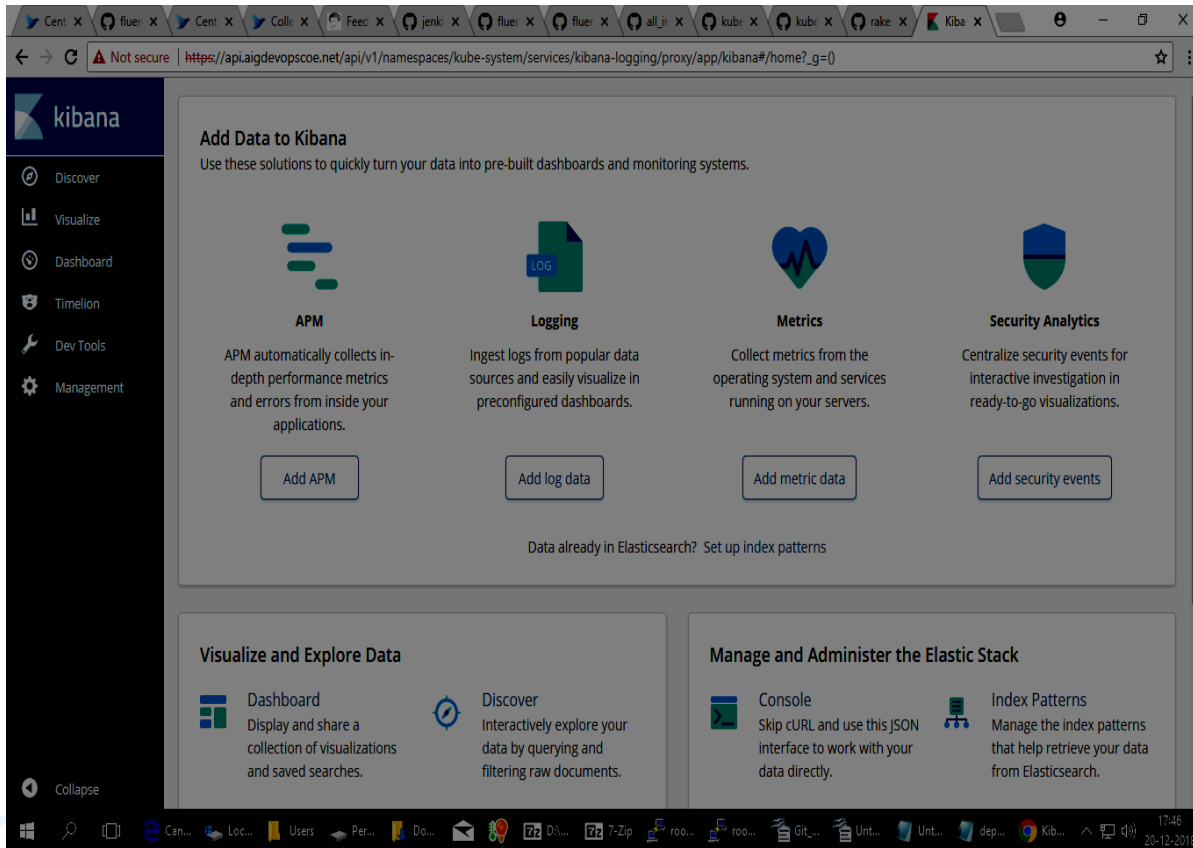
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BANDHAN	1480	441.27	938.5	296.15	869.55	97.06

**Data3**

Stock	NoOfShare	Bought	High	low	CurrentPrice	Gain
APPLE	1480	131.22	1038.4	81.3	142.95	8.94

# Kibana Dashboard





# Thank You

