

PRODYNA AG

Architecture Overview – Voting Platform

04.03.2016

Willkommen!



> Referent

Sven Lissek, PMP
Senior Consultant

At PRODYNA since: 2007



➤ Agenda:

1. Architecture overview
2. Architecture in detail

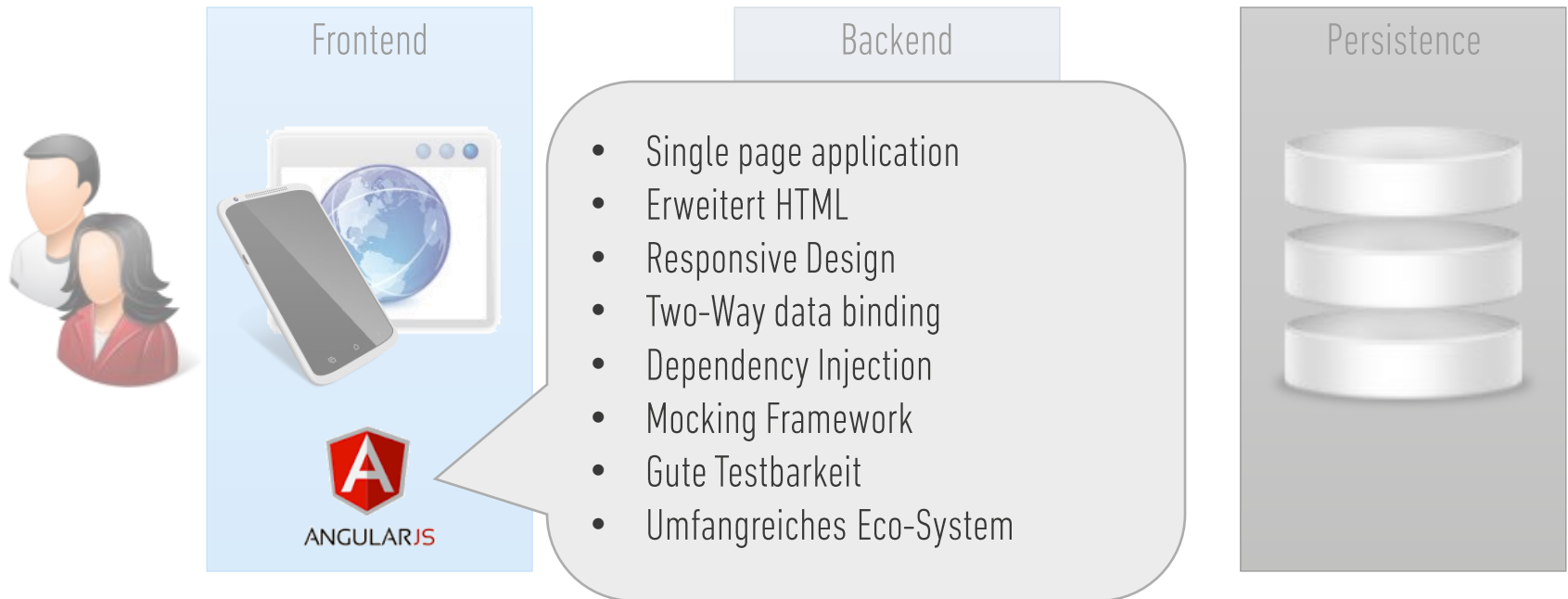
➤ Architecture overview

Voting application



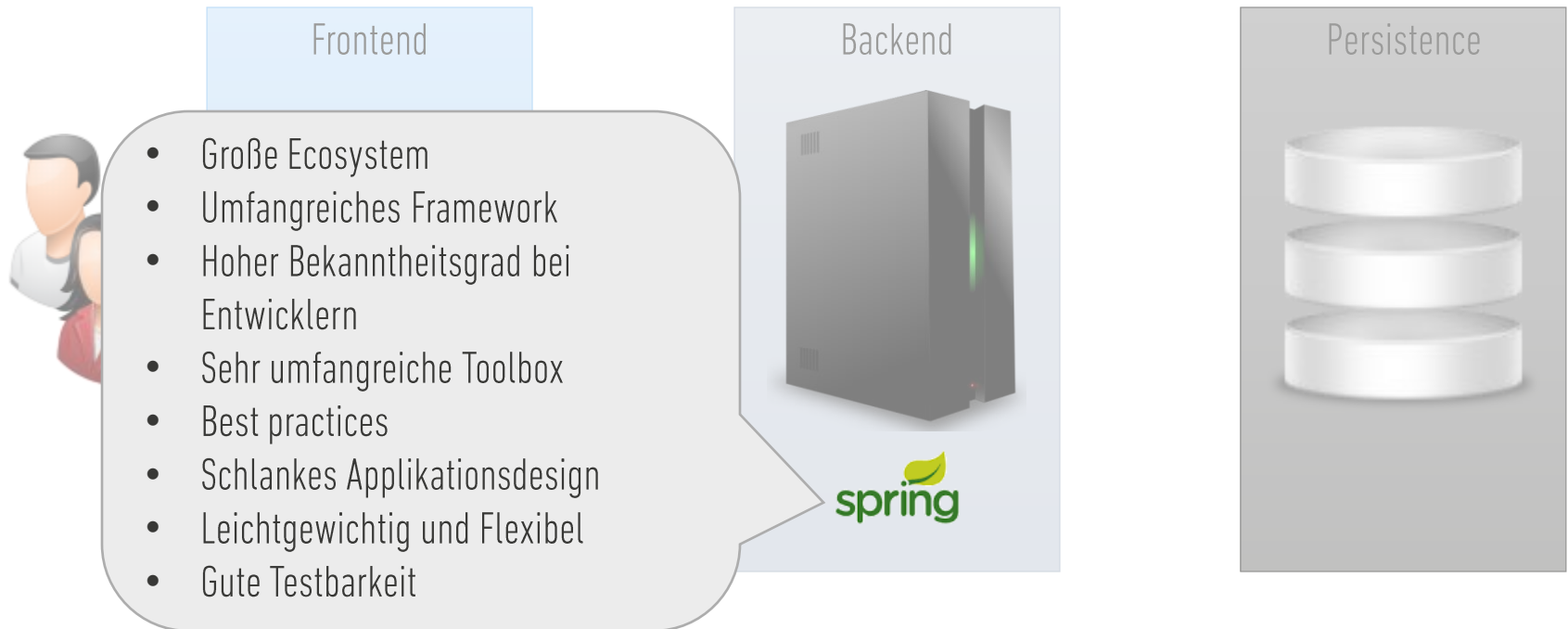
➤ Architecture overview

Voting application



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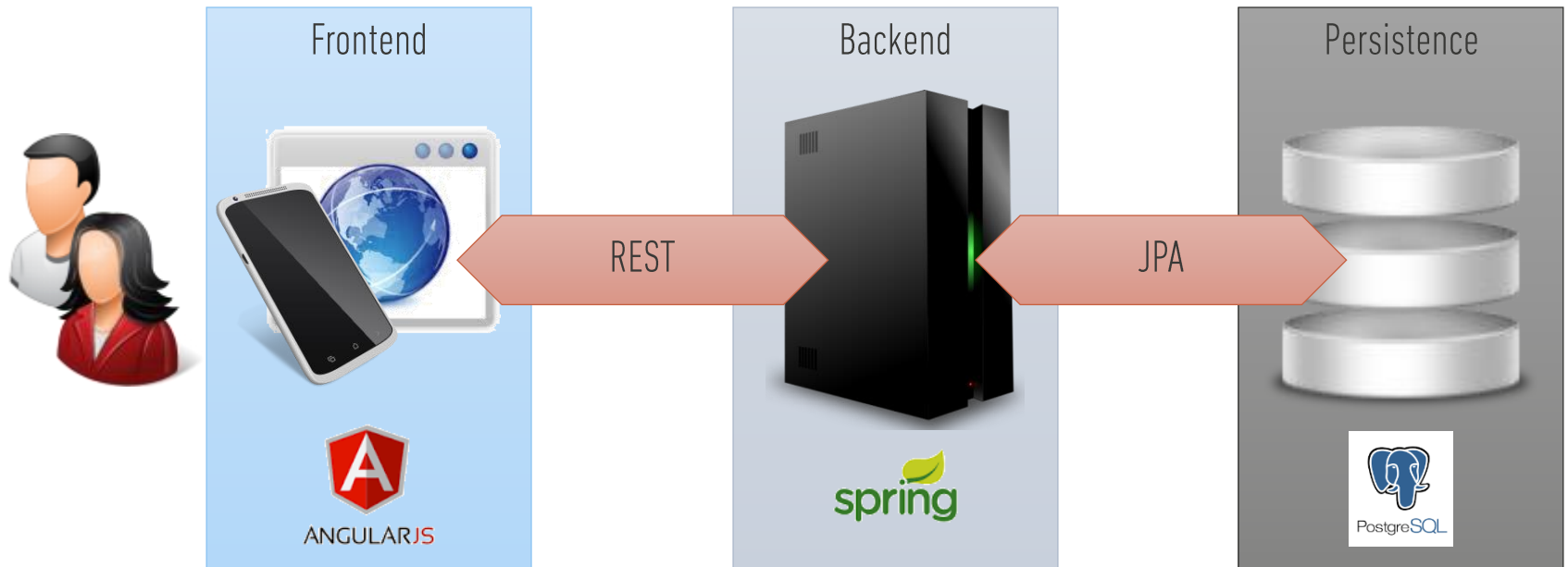
➤ Architecture overview

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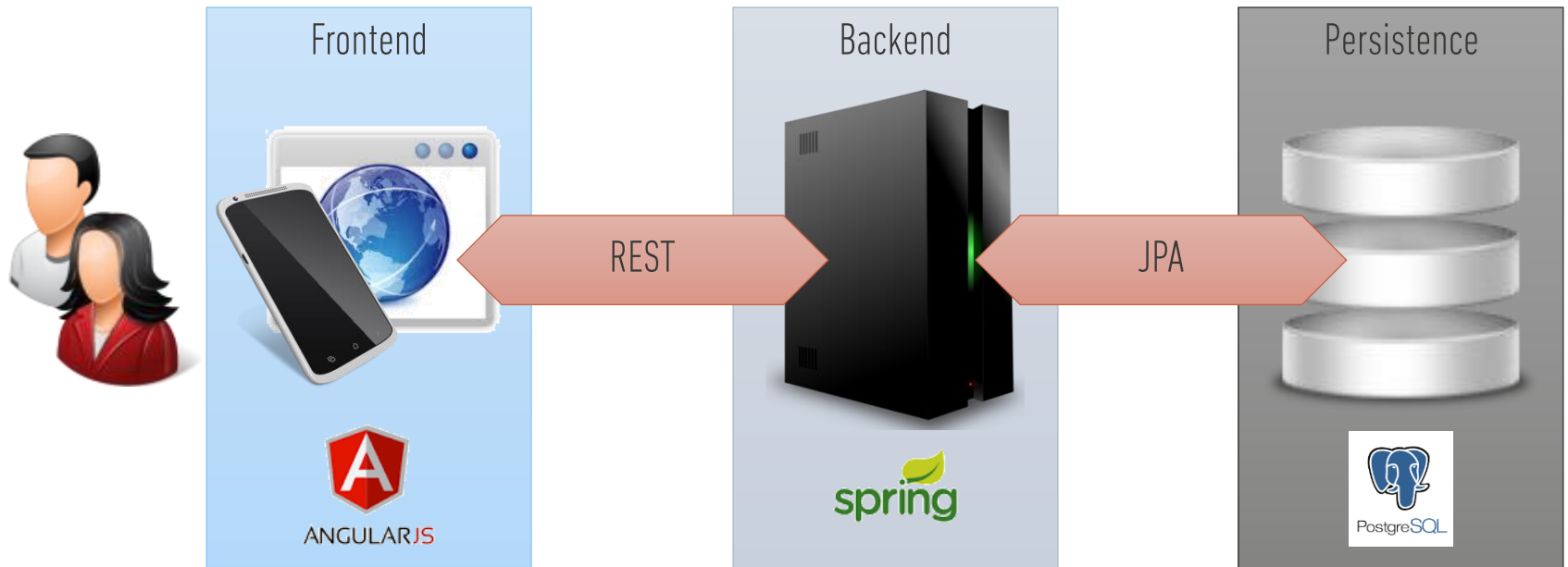


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Frontend



ANGULARJS

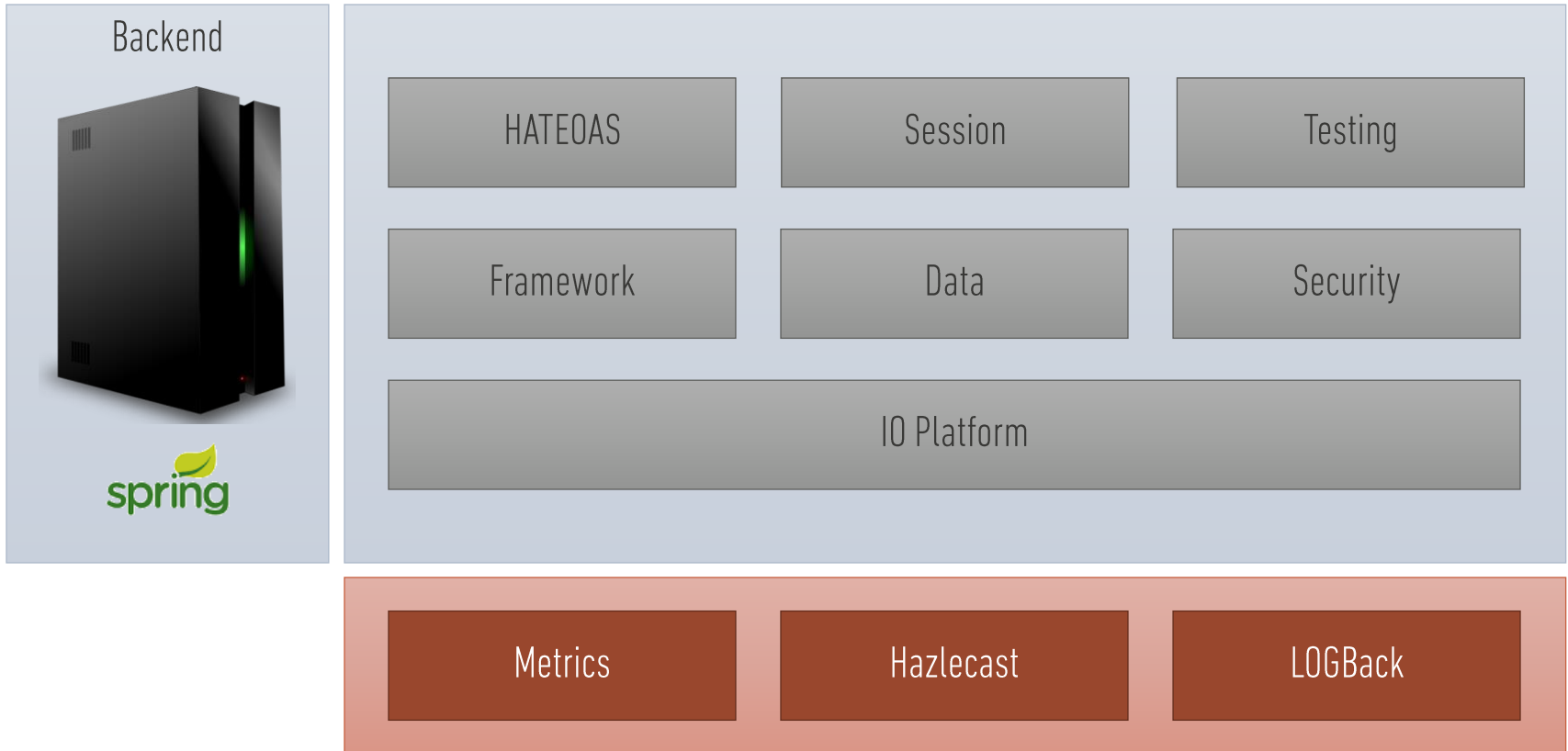
HTML5 Boilerplate

AngularJS

UI Bootstrap

> Architecture in detail

Voting application



➤ Architecture in detail

Voting application

- Horizontale Skalierung
 - Tomcat, Hazlecast, Spring Session
- Hochverfügbarkeit 99,5%
 - Failover mit Cold-Standby Strategie für Backend und Datenbank
- Echtzeit Monitoring
 - Metrics
- Ausbaufähige Plattform für zukünftige Anforderungen
 - Spring und Angular ECO-System, flexibles RDMS

Development

Voting application

- lokale Entwicklungsumgebung
 - Git als Quellcode Repository
 - Maven, Grunt, Bower
 - Einstellung, Templates und Formatter für IDE
 - lokales System für Entwicklungstests
 - Dokumentation im Wiki
 - Issue Tracking in JIRA
- Testsystem
 - Continuous Integration mit Build Server und Nightly Builds
- Produktionssystem
 - Deploymentprozess und -zyklen in Abstimmung mit Dev-Ops geplant

➤ Your Personal Contact:

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