

# AKSHAY THORVE

Software Engineer, Fullerton CA

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## PROFESSIONAL SUMMARY

- Software engineering professional with **over four years of industry experience** in Software design, architecture, and development.
- Executed projects as a **Full-Stack developer**, with an **emphasis** on designing scalable services in **Java/J2EE**.
- Implemented projects using the **Agile methodology**, expert at translating business requirements into technical solutions.
- Contributed to onsite, offsite and cross-platform teams on software development and **Continuous Integration and Delivery**.
- Excellent **team player** along with good communication, problem-solving, and analytical skills.

## EDUCATION

**M.S. Computer Science**, California State University, Fullerton (GPA: 3.71) **(Expected) May 2018**  
Coursework: Computer Architecture & Design; Web Back-End Engineering; Cloud Computing & Security  
**Bachelor of Engineering** - Information Technology, University of Pune (GPA: 3.6) **August 2008 - June 2012**  
Coursework: Data Structures and Algorithms; Database Design; Distributed Systems; Advance Computer Networks

## TECHNICAL SKILLS

**Languages:** Java, Python, Angular (Beginner) **Databases:** MongoDB, Redis, SQL, NoSQL  
**Frameworks:** Spring MVC, Spring-boot, Hibernate, REST, Hadoop. **Build Tools:** Jenkins, Maven, Ant, Docker  
**Methodologies:** Agile, Scrum, Waterfall **Cloud:** Amazon Web Services (AWS)  
**Application Servers:** IBM WebSphere, Tomcat, WebLogic, Apache. **Tools:** Git, SVN, Eclipse, IntelliJ, Postman  
**Web Technologies:** RESTful, JSON, Linux, HTML5, CSS3, JavaScript, XML, JSP, Servlets, Mustache, Flask, Unix, TCP/IP

## WORK EXPERIENCE

<b>Web Developer (Graduate Assistant)</b>	<b>California State University, Fullerton</b>	<b>December 2016 - Present</b>
<ul style="list-style-type: none"><li>Automated inventory processes by handling inventory data on MBS Insite (CMS) using JSON, XML, JSP, and jQuery.</li></ul>		
<b>Software Engineer</b>	<b>The Nielsen Company (US), LLC (via TCS)</b>	<b>June 2014 - October 2016</b>
<ul style="list-style-type: none"><li>Developed <b>frontend</b> for customer recruitment portal in <b>JSP, JavaScript</b>, and <b>Adobe Experience Manager</b> with multilingual support.</li><li>Programmed <b>backend</b> services with <b>RESTful</b> endpoints using <b>Java, J2EE, JSON</b>, and <b>Spring MVC</b>.</li><li>Increased average application load time by 30% by implementing scalable <b>microservices</b> architecture in Spring.</li><li>Enhanced <b>application security</b> by integrating Google reCaptcha API, SSL certificate, and encryption using Java, <b>JSON</b>, and <b>UNIX</b>.</li><li>Automated deployments by implementing <b>continuous integration</b> and <b>continuous delivery</b> using <b>Jenkins</b>, <b>Ant</b>, and <b>SVN</b>.</li><li>Resolved complex sev1 issues by implementing <b>innovative solutions</b> which reduced the further business impact on production systems.</li></ul>		
<b>Systems Engineer</b>	<b>Tata Consultancy Services (TCS) - Tata group</b>	<b>December 2012 - June 2014</b>
<ul style="list-style-type: none"><li>Developed <b>core API</b> in Java to communicate with <b>Mitsubishi</b> factory PLC hardware unit by using socket programming and TCP/IP.</li><li>Designed and developed Mitsubishi Plant Manager, Supervisor dashboards in <b>Java, Spring and Hibernate</b> with 300% improvement which resulted in forming <b>TCS-Mitsubishi \$600 million joint venture</b>.</li><li>Built <b>report generation API</b> for 500+ <b>Toys"R"Us</b> pickup locations across the USA which gave them the flexibility to analyze and keep orders ready for customers to pick up.</li><li>Developed end to end <b>order search functionality</b> using <b>Java, JSP, Servlet</b>, and <b>MySQL</b>.</li><li>Reduced store report generation time of existing reports by 50% using <b>multithreading</b> and reducing database hits.</li></ul>		

## RELEVANT PERSONAL PROJECTS | GitHub: <https://github.com/thorveakashay>

**Real Me | Behavioral Analytics web application (Java, Spring Boot, Angular, REST, Mustache, MongoDB)** **January 2018 - Present**  

- Developed web application to analyze the personality type of user by using surveys and social profile of the user.
- Implemented **OAuth 2.0** authentication using **Facebook API** and **Okta API** in **Spring Boot** and Java.
- Pulled relevant tweets and News Feeds specific to the user, using **Twitter API**, added **REST API** endpoints for each function.

**Mini twitter application (Python, Flask, microservices, NGINX, MongoDB, Redis, RESTful)** **August 2017 - December 2017**  

- Built a **Full-stack, scalable** Twitter-like web application in **Python**, where the user can securely log in, post a new status on the timeline, follow/unfollow users also user can like/unlike status updates of other users.

**Statistical Representation of Election Data (Hadoop, HDFS, Java, JSP, AWS, EC2, Ubuntu, MySQL)** **August 2016 - January 2017**  

- Hosted app on **Amazon Web Services** to analyze and refine 2016 USA election data using **Java, Hadoop MapReduce** and Stored HDFS results to MySQL database.
- Built a web app (Java server) to visualize the results, integrated **Third Party API's** like Google reCaptcha API and Google charts.

## LEADERSHIP AND ACHIEVEMENTS

- On The Spot Award & Thank You Award:** Awarded by Nielsen Director for critical online panel enhancements.
- LIREL Honor Award:** Awarded by TCS, in a batch of 500+ developers for making a difference in Organization.
- Oracle Certified Professional Java Programmer (2016).