

# AKSHAY THORVE

Software Engineer, Fullerton CA

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## PROFESSIONAL SUMMARY

- Software engineering professional with **over four years of experience** in Software design, architecture, and engineering.
- 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 delivery/integration**.
- Excellent verbal, communication and team skills along with 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: Algorithms; Artificial Intelligence; Database Design; Distributed Systems

## TECHNICAL SKILLS

**Languages:** Java, Python **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), Okta, Google, Twitter API  
**Application Servers:** IBM WebSphere, Tomcat, WebLogic, Apache. **Tools:** Git, SVN, Eclipse, IntelliJ, Postman  
**Web Technologies:** RESTful, JSON, HTML5, CSS3, JavaScript, XML, JSP, Servlets, Mustache, Flask, Unix, Linux, TCP/IP

## WORK EXPERIENCE

**Web Developer (Graduate Assistant)** **California State University, Fullerton** **December 2016 - Present**  
• Automated inventory processes by handling inventory data on MBS Insite (CMS) using JSON, XML, JSP, and jQuery.

**Software Engineer** **The Nielsen Company (US), LLC (via TCS)** **June 2014 - October 2016**  
• Analyzed requirements, finalized designs, and developed API for web applications using **Java, J2EE, JSP, Spring MVC**, JavaScript, **SQL**, and Adobe Experience Manager.  
• Increased average application load time by 30% by implementing **scalable, n-tier** web app with **microservices**.  
• Enhanced **application security** by integrating Google reCaptcha API, SSL certificate, and encryption using Java, JSON, and UNIX.  
• Automated deployments by implementing **continuous integration** and **continuous delivery** using Jenkins, Ant, and SVN.  
• Resolved complex sev1 issues by implementing **innovative solutions** which reduced the further business impact on production systems.

**Systems Engineer** **Tata Consultancy Services (TCS) - Tata group** **December 2012 - June 2014**  
• Developed **core API** in Java to communicate with Mitsubishi factory PLC hardware unit by using socket programming and TCP/IP.  
• Designed and developed Mitsubishi Plant Manager, Supervisor dashboards in **Java, Spring and Hibernate** with 300% improvement which resulted in forming **TCS-Mitsubishi \$600 million joint venture**.  
• Built **report generation API** for 500+ Toys"R"Us pickup locations across the USA which gave them the flexibility to analyze and keep orders ready for customers to pick up.  
• Developed end to end **order search functionality** using **Java, JSP, Servlet**, and **MySQL**.  
• Reduced store report generation time of existing reports by 50% using **multithreading** and reducing database hits.

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

**Real Me | Behavioral Analytics web application** (*Java, Spring Boot, REST, Mustache, MongoDB, JSON*) **January 2018 - Present**  
• Developed an 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 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).