

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 **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

Job Title	Company	Duration
Web Developer (Graduate Assistant)	California State University, Fullerton	December 2016 - Present
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Developed frontend for customer recruitment portal in JSP, JavaScript, and Adobe Experience Manager with multilingual support.• Programmed backend services with RESTful endpoints using Java, J2EE, JSON, and Spring MVC.• Increased average application load time by 30% by implementing scalable microservices architecture in Spring.• 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
<ul style="list-style-type: none">• 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/thorveakshay>

Project Name	Duration
Real Me Behavioral Analytics web application (Java, Spring Boot, REST, Mustache, MongoDB, JSON)	January 2018 - Present
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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).