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** and SDLC, 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: 3.74)	**August 2016 - May 2018**
Bachelor of Engineering - Information Technology, University of Pune (GPA: 3.6)	**August 2008 - June 2012**

TECHNICAL SKILLS

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

WORK EXPERIENCE

Web Developer (Graduate Assistant)	**California State University, Fullerton**	**December 2016 – May 2018**

- 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**

- 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**

- 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

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

- Developed web application to analyze the personality type of user by using user surveys and social profile data.
- Implemented **OAuth** 2.0 authentication using SSO, **Facebook API** and **Okta API** in **Spring Boot** and Java.
- Integrated 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.
- Integrated **Third Party API's** like Google reCaptcha API and Google charts to improve application security and data visualization.

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).