

AKSHAY THORVE

SYSTEMS ENGINEER & WEB DEVELOPER

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SUMMARY

Professional in all phases of the software development lifecycle; expert at translating business requirements into technical solutions; and fanatical about quality, usability, security, and scalability.

WORK EXPERIENCE

CALIFORNIA STATE UNIVERSITY, FULLERTON

Dec 2016 - Present

Web Developer

- Developing, maintaining and optimizing university store (Titan Shops) website.

TATA CONSULTANCY SERVICES (TCS)

Dec 2012 - Jul 2016

Systems Engineer

Dec 2013 - Jul 2016

- Increased average customer interaction of **The Nielsen Company** website by 30% by Redesigning and developing legacy web application into new scalable, n-tier application using Java, Spring, RESTful Web Services, MySQL and Adobe AEM.
- Improved application security by Integrating 3rd party Google reCaptcha API using JSON & REST.
- Programmed **Mitsubishi electric** employee registration and authentication system in Java and Spring.
- Designed **Mitsubishi** Plant Manager & supervisor dashboards, achieved 0.02-second data reflection rate.

Assistant Systems Engineer

Mar 2013 - Dec 2013

- Programmed Store Pickup API for **Toys"R"Us**.
- Developed scalable and customizable Search API in JAVA improved search efficiency by 17%
- Reduced store report generation time by 10 seconds using Java multithreading and reducing database hits.
- Tested and debugged critical components using logging, unit testing, and integration testing.

Assistant Systems Engineer - Trainee

Dec 2012 - Mar 2013

- Designed and programmed automated banking system in JAVA, JSP, Servlet, XML.
- Implemented user registration, authentication, account management, and help-desk functionalities.

EDUCATION

California State University, Fullerton

Master of Science in Computer Science

(EXPECTED) MAY 2018 | GPA: 3.7

University of Pune, India

Bachelor of Engineering in Information Technology

JUNE 2012 | GPA: 3.6

SKILLS

Programming: JAVA, Spring, Python, JavaScript, Linux, HTML, CSS, JSON, XML, MongoDB,

Web Technologies: Amazon Web Services (AWS), Cloud, Distributed Systems, TCP/IP

Others: RESTful, MySQL, Maven, Jenkins, Git, SVN

RELEVANT PROJECTS | [GitHub Repository](https://github.com/thorveakshay) - <https://github.com/thorveakshay>

Mini twitter application in Python and Flask

Sep 2017 – Dec 2017

- Developed Full stack, RESTful and scalable web application in Python, Flask, NGINX cluster, and MongoDB
- Implemented microservices architecture, Redis session data store, HTTP Basic Auth and

Hospital Infection Data Analysis in Python and Tableau

Jan 2017 - May 2017

- Analyzed more than 2 million infection records in Python.
- Represented analyzed data from MySQL database into meaningful charts and graphs using Tableau.

Statistical Representation of Data Using Hadoop MapR On AWS Cloud

Aug 2016 - Jan 2017

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- Deployed multinode Ubuntu cluster on AWS, implemented load balancing on AWS EC2.
- Programmed Hadoop Map-Reduce application in JAVA and HTML5 website and deployed on the cluster.

CERTIFICATIONS

Oracle Certified Java Programmer (2016), MongoDB (2017)