

## Contact

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(LinkedIn)  
[akshaythorve.com](http://akshaythorve.com) (Portfolio)  
[github.com/thorveakshay](http://github.com/thorveakshay) (Other)

## Top Skills

Core Java  
Java J2EE  
Agile Methodologies

## Languages

English (Professional Working)  
Hindi (Full Professional)  
Marathi (Native or Bilingual)

## Certifications

Oracle Certified Professional, Java SE 6 Programmer

## Honors-Awards

Service and Commitment Award  
LIREL award of TCS in Training.  
On the spot award by client AC Nielsen.  
"On the spot award by TCS.  
"On the spot award" by TCS.

## Publications

Data Security over Cloud  
Secure Data Access Over Cloud Computing

# Akshay Thorve

Member of Technical Staff at PayPal  
San Francisco Bay Area

## Summary

I enjoy solving real-world software problems, creating innovative solutions, and making everyone's life easier.

On a more personal note, I enjoy badminton, playing NFS (PC game), fitness and cooking. I love to travel, and you can also find me at festivals ↗ and at local hiking trails.

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## Experience

### PayPal

7 years 7 months

Member of Technical Staff 1  
March 2023 - Present (2 years 11 months)  
San Jose, California, United States

### Senior Software Engineer

April 2021 - March 2023 (2 years)  
San Francisco Bay Area

Developing and enhancing PayPal's core Payment's platform

### Software Engineer II

July 2018 - March 2021 (2 years 9 months)  
San Francisco Bay Area

- Developed Card Art API & backend system to store all types of Credit Card images and bank logos in FReD systems.
- Implemented IBAN generation and validation algorithms for more than 83 countries, enabling many PayPal teams to migrate from the legacy systems to the Millennium stack.
- Developed a Pay-Wall feature to blocklist the institutes which PayPal does not suppose to do business with.
- Worked with banks and partners to integrate with their real-Mme payment(RTP) rails and also enable FAB(FricMonless add bank)
- Enabled mulM-language support that saved around 1.5 Million dollars for XOOM in their Canada launch.

California State University, Fullerton  
Graduate Assistant  
December 2016 - May 2018 (1 year 6 months)  
Orange County, California Area

Automated inventory processes of online sales website of university store (Titan Shops) by handling inventory data on MBS Insite (CMS) using HTML, JSON, XML, JSP, and jQuery.

Nielsen  
Software Engineer  
June 2014 - October 2016 (2 years 5 months)

- Developed the Nielsen Digital platforms and backend API's in Java, Spring, and Adobe AEM.
- Accountable for analyzing requirements, finalizing designs, developing and testing software/web application using Java, J2EE, JSP, Spring, WebLogic, HTML, Adobe AEM, JavaScript, and SQL.
- Implemented scalable, n-tier web applications from scratch and increased average customer interaction by 30%.
- Integrated reCaptcha, SSL/TSL certificate and encryption algorithm for enhancing application security.
- Participated in Agile, Scrum meetings. Used a hybridized Agile - Waterfall method for software development.
- Automated deployments using Jenkins, Ant, and Subversion (SVN).
- Worked on sev1 issues and applied my SME knowledge to resolve critical business impact on a production system.

#### Achievements

1. On The Spot Awards by TCS for successful migration of Legacy Enterprise web app to the new platform.
2. Thank You Award by Nielsen Director for critical online panel enhancements.

Note: Worked with Nielsen via TCS offshore location

Tata Consultancy Services  
1 year 7 months  
Systems Engineer  
January 2014 - June 2014 (6 months)  
Pune Area, India

- Developed the complex interface in Java to communicate with C++ code to read data from PLC hardware unit of Mitsubishi Factory.
- Implemented communication pipeline of JAVA and C++ using socket programming and used networking protocols and interfaces for successful data transmission.
- Designed and developed Mitsubishi Plant Manager, Supervisor dashboards in JAVA and SPRING, which allowed them to visualize, manage and monitor the factory production lines.
- Achieved 0.02-second data reflection rate for above dashboards which was pretty impressive considering the first implementation of more than 3 seconds.

#### Achievement:

- Implementation of this and few other projects helped TCS to form TCS-Mitsubishi \$600 million joint venture. That was a celebration time, met with the leadership team of Mitsubishi for pipelining of upcoming projects.
- Appreciation from Mitsubishi Project Manager and Group Leader for developing the core of the application.

#### Assistant Systems Engineer

March 2013 - December 2013 (10 months)

Pune Area, India

- Actively involved in requirement gathering and designing project flow.
- Developed end to end order search functionality using JSP, Servlet, Java, and MySQL.
- Reduced store report generation time by 50% using multithreading and reducing database hits.
- Developed 3 new reports for 500+ Toys"R"Us pickup locations across the USA which gave them the flexibility to sort and keep orders ready for customers to pickup.
- Tested and debugged critical components using logging, unit testing, and integration testing.

#### Achievements:

- Achieved 97% Customer Satisfaction Index from Toys"R"Us
- Received two "On The Spot" award by TCS.

#### Assistant Systems Engineer Trainee

December 2012 - March 2013 (4 months)

India

- Developed user registration, authentication and account management in JAVA, J2EE, JSP, Servlet, XML

- Automated the process of assigning relationship manager to business customers by dynamically analyzing accounts.
- Communicated with other four teams for smooth Integration with other banking modules.
- Prepared documents like System Design Document, detailed design (DD) Document, Unit Test Plan (UTP), Release Notes, etc.

Achievement:

- Received LIREL (Leading change. Integrity. Respect for the individual. Excellence. Learning and Sharing) honor award in a batch of 500+ developers for making a difference in TCS Organization
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## Education

California State University-Fullerton

Master of Science (MS), Computer Science · (2016 - 2018)

University of Pune

Bachelor of Engineering (B.E.), Information Technology · (2008 - 2012)