

AKSHAY THORVE

Sr. Software Engineer, Santa Clara CA

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PROFESSIONAL SUMMARY

- Software engineering professional with **8+ years of industry experience** in Software development, design, and architecture.
- Developed projects and services with an emphasis on designing scalable backend services in **Java and Spring Boot**.
- Excellent team player along with good communication, problem-solving, and analytical skills.

WORK EXPERIENCE

Sr. Software Engineer	PayPal Inc.	Apr 2021 - Present
<ul style="list-style-type: none">As part of the Core Payments team, developed multi-tenant applications that integrate with internal and external partners.Designed and Developed scalable backend services and APIs to support more than 3 billion requests per dayAs an Individual contributor and SME for FReD(Financial Reference Data), developed 5+ end-to-end systems to build a FReD platform. A few systems are - The payment Purpose code, Financial Capabilities at the country level, and SuperCatalog forms.Collaborated with a team of 6 engineers to migrate legacy (CPP) bank data system to a new Java stack. The new system is scalable, much more reliable with many fallbacks, and equipped with caching, which helped reduce the SLA to 4 ms from 160ms.Automated FReD data load for 20+ countries by connecting to PayPal partners and vendors, consuming their APIs and SFTP data using Spring Batches. This helped bring the latest bank information across payment systems.Worked on a super network initiative where PayPal is combining payment processing powers of XOOM, Hyper Wallet, and other PayPal Inc. companies.Currently working in the Stored Value team that manages PayPal balance and holdings. Wrote ledger data correction tool to automate and track the ledger corrections and PayPal account status.		
Software Engineer II	PayPal Inc.	Jul 2018 - Mar 2021
<ul style="list-style-type: none">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-time payment(RTP) rails and also enable FAB(Frictionless add bank)Enabled multi-language support that saved around 1.5 Million dollars for XOOM in their Canada launch.		
Systems Engineer	Tata Consultancy Services (TCS) - Tata group	Dec 2012 - Oct 2016
<ul style="list-style-type: none">Designed and developed Nielsen digital and net rating platform for Germany and Italy with REST APIs using Java and Spring.Developed backend APIs and components to enable Adobe Experience Manager frontend.Increased average application load time by 30% by implementing scalable micro-service architecture in Spring.Enhanced application security by integrating Google reCaptcha API, SSL certificate, and encryption using Java, JSON, and UNIX.Designed and developed Mitsubishi Plant Manager and Supervisor dashboards in Java, Spring, and Hibernate with 300% improvement, resulting in a <i>TCS-Mitsubishi \$600 million joint venture</i>.Built report generation API for 500+ Toys"R"Us pickup locations across the USA, allowing them to analyze and keep orders ready for customers to pick up.Developed end-to-end order search functionality using Java, JSP, Servlet, and MySQL.		

TECHNICAL SKILLS

Languages: Java, Python

Frameworks: Spring MVC, Spring Boot, Hibernate, REST, Hadoop

Methodologies: Agile, Scrum, Waterfall, SDLC

Web Technologies & Cloud: AWS, RESTful, JSON, Linux, HTML5, CSS3, Mustache, Flask, Unix, TCP/IP

Databases: Oracle, SQL, Redis, NoSQL

Build Tools: Jenkins, Maven, Ant

Tools: IntelliJ, Postman, Git, SVN, Eclipse

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

Real Me Behavioral Analytics web application (Java, Spring Boot, REST, Mustache, MongoDB, JSON)	Jan 2018 - May 2018
Mini twitter application (Python, Flask, microservices, NGINX, MongoDB, Redis, RESTful)	Aug 2017 - Dec 2017
Statistical Representation of Election Data (Hadoop, HDFS, Java, JSP, AWS, EC2, Ubuntu, MySQL)	Aug 2016 - Jan 2017

EDUCATION

M.S. Computer Science, California State University, Fullerton (GPA: 3.74)	Aug 2016 - May 2018
Bachelor of Engineering - Information Technology, University of Pune (GPA: 3.6)	Aug 2008 - Jun 2012

LEADERSHIP AND ACHIEVEMENTS

- 8+ Bravo and Spot Awards** - from PayPal
- On The Spot Award & Thank You Award:** Awarded by Nielsen for critical online panel enhancements.
- LIREL Honor Award:** Awarded by TCS in a batch of 500+ developers for making a difference in the Organization.