

# ARUN KUMAR SINGH

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## PROFESSIONAL SUMMARY

- 9+ years of experience in software development working in both technology start-up and larger industry environments.
- 5+ years experience in building and managing teams of highly passionate engineers.
- Primarily a Java/J2EE developer, I have worked as Solution Architect since last 5 years working on projects from concept to deployment, ranging from data centre workflow solutions, e-commerce to highly scalable content properties.
- I like to understand how things work and spend time understanding different parts of open source implementations. Scaling of software systems, both from extensibility perspective and from peak load perspective interests me.

## SKILLS

- Java Enterprise Edition, Spring, Hibernate, Maven, Opentaps, MySQL, Mongodb, Solr, ElasticSearch, NodeJS, SOA, Memcache, PHP, Python, Machine Learning, Hadoop
- RabbitMQ, SEO, GA, Tableau, Nginx, CDN, JVM tuning, Agile methodologies, IT Infrastructure, Team building, Code reviews, Trainings and interviews

## WORK HISTORY

### Technology Head

**Times Internet Limited (Gadgetsnow)** - Noida, UP

08/2016 - Current

- Maintained a thorough understanding of all key and current technologies, platforms and trends.
- Supervised a team of 5 tech leads, 1 DBA, 2 QA and 27 developers.
- Laid out a complete business continuity plan that would ensure data protection in the event of a natural disaster or long-term outage.
- Managed creative projects from concept to completion while managing outside vendors.
- Provided methodologies for object-oriented software development and efficient database design.

### Technology Head

**Times Internet Limited (Indiatimes Shopping)** - Noida, UP

12/2013 - 07/2016

- Gathered requirements and architected technical solutions for features and new products.
- Mentored and managed a team of 35 engineers to deliver products within timeline and accuracy.
- Developed responsive mobile site using SOA and PHP to make it cross platform compatible.
- Involved in recruitment and hiring of resources.
- Monitored whole production system and fixed critical production issues.

## Technical Lead

**Times Internet Limited (Indiatimes Shopping)** - Noida, UP

11/2012 - 11/2013

- Worked as a technical lead of CRM team.
- Managed team of 5 personnel focused on implementing resolutions and updates.
- Developed several CRM enhancements and stabilized product using several optimization techniques.
- Proposed technical feasibility solutions for new functional designs and suggested options for performance improvement of technical objects.
- Provided methodologies for object-oriented software development and efficient database design.

## Senior Software Engineer

**Times Internet Limited (Indiatimes Shopping)** - Noida, UP

09/2011 - 10/2012

- Trained and mentored junior developers and engineers.
- Improved system performance by making proactive adjustments and resolving bugs.
- Devised tracking software with modules for inventory monitoring, customer relationship management, staff administration and the generation of reports.
- Estimated work hours and tracked progress using Agile/SCRUM methodology.
- Worked with project managers, developers, quality assurance and customers to resolve technical issues.

## Software Engineer

**Verse Innovations Pvt Ltd** - Bangalore, Karnataka

10/2010 - 08/2011

- Implemented designs, including experimentation and multiple iterations.
- Developed new enhancements for existing Mob Jobs application.
- Developed new JAVA/ J2EE applications as requirement arose.
- Maintained and developed new features in data feed tool.
- Wrote maintainable and extensible code in a team environment.

## Software Engineer

**Manhattan Associates** - Bangalore, Karnataka

08/2008 - 10/2010

- Worked closely with customers to efficiently resolve issues.
- Developed and tested new enhancements for the upcoming DOM releases.
- Maintained and fixed bugs in the existing components of DOM.
- Being part of PSO team, supported and fixed customer production issues.

## CERTIFICATIONS

- Certified MongoDB Java Developer by MongoDB University
- Sun Certified Java Programmer by Oracle

## EDUCATION

**B.Tech.:** Electrical Engineering

**Indian Institute of Technology Roorkee** - Roorkee, UK

2008

Scored 1036 rank in IIT JEE exam.

**12th:**

**Shivaji Inter College** - Kanpur, UP

2002

Got 25th rank in the state and obtained highest marks within school.

**10th:**

**Dhata Inter College** - Dhata, UP

2000

Obtained highest marks within school.

## PROJECTS

- **Product Recommendation System:** Used Hadoop and Machine Learning technology to train system using existing dataset to recommend best suitable product for a customer.
- **Machine Learning Projects:** Used machine learning in fraud detection, inventory forecasting and address validation via training models using existing data.
- **CRM Security Feature:** This feature covered 2 way authentication, complex password, password expiry and IP range restriction features. It was developed using Java/ J2EE, hibernate, JS and Java Applet technology.
- **CRM (Complaint Management System):** Designed and developed a CRM complaint system where complaints were created and assigned to appropriate agent in a round robin fashion. Java, Hibernate, SQL was used to implement this feature.
- **Inventory Management System:** This system integrated with several third systems to maintain same inventory visibility in real time. Used JAVA, Spring, Hibernate and REST as primary technologies.
- **Generic asynchronous db logging framework:** Used basic JAVA principles to implement this. User should be providing entity and entity class as arguments, it persists that entity data to corresponding db table. A java queue is formed where new entries are being added and older are being picked by a thread.
- Some salient projects are **SSO User Migration, Data Feed Tool, Deals Web App** etc.