**DHEERAJ TYAGI**

**BTech (Hons) Information Technology – IIIT-Allahabad**

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**Summary**

* **Total experience of around 7 years** worked on different domain and wide ranging products across multiple teams.
* Working as Technical Lead in Paytm payments team from last 2 years.
* Worked as Software Development Engineer in Amazon for around 4 years with Kindle Periodicals team.
* B Tech (Hons) in Information Technology from Indian Institute of Information Technology, Allahabad **with CGPA 8.62**
* Good foundation in areas of algorithms, data structures, designing and coding.
* Experienced developer with focus to deliver products with high quality and within stipulated timelines.

**Skill set**

* Languages: Java, Ruby, SQL, C, C++
* Technologies: Spring Framework, Spring Boot, Rest Framework, Hibernate, AWS SWF, EC2, S3, Perforce, GIT, API’s, Ruby On Rails, Jenkins, Maven, Java multithreading
* Concepts: System Design, Agile Development, Core java, Distributing Computing, Cron Scheduling,
* Databases: Oracle, MySQL, Amazon SDB, NoSql(Basic)
* Operating Systems: Red Had, Ubuntu 14, Windows 7,Apple OS-x Lion
* Development Tools: Intellij Idea, Eclipse, Vim Editor, Ruby mine, NetBeans, Microsoft Visual Studio, MySql Workbench

**work experience**

**Paytm, Noida; Tech Lead (Dec 2015 to present)**

* Build a highly scalable asynchronous file downloading system. The system was able to handle records of 5 gb and around 1 million entries in the file. **Technologies**: Java, Spring Framework, Hibernate, Rest Architecture, Mysql, Kafka Queue
* Designed and Built a distributed system to migrate data form legacy system to new system. Built alert raising mechanism in case of failures. **Technologies**: Java, Spring Framework, Hibernate, Rest Architecture, Mysql, Kafka Queue
* Designed and build a consolidated notification architecture for Paytm reports system. The system was developed in such a way that it will be easy to integrate any new report in the system for notifications **Technologies**: Java, Spring Framework, Hibernate, Rest Architecture, Mysql,
* Have been handling end to end responsibilities of paytm payments data storage, retrieval and processing system. This includes handling and managing deployable for around 10 components.
* Built an Internal Panel as a hobby project for devops team for debugging of issues in an efficient manner. Technologies: Spring Boot, Hsql DB, Spring Security.

**Amazon India Development Center, Chennai; Software Development Engineer (June 2012 to Dec 2015)**

* Designed and built an end-to-end auto-publishing pipeline for ingesting pdf content into kindle ecosystem. I was also involved in the BRD discussion with Program managers for finalizing requirements for this project as well. **Technologies**: Java, AWS SWF, and AWS S3.
* Designed complete backend architecture of self-service portal that will be used to onboard new publishers to kindle ecosystem. This portal involved interacting with multiple teams within amazon and worked on understanding and finalizing the use. **Technologies**: Coral service (Amazon proprietary web services) AWS SWF, AWS s3.
* Designed and built an auto publishing mechanism in which automated workflows would start for each title at there specified schedule. **Technologies**: Java, Ical4j Schedule library, API services, JCrontab library, Multi-Threading.
* Created a service to calculate the cost of delivery of newspaper/magazine to customers downloading content via WAN network. This led to cost minimization up to 20k USD / month to the company. **Technologies** used: Java, Hibernate, Spring Framework, Oracle, and Amazon Distributed Job Scheduler.
* Created a monitoring console for Operations Team, which gives vital information to the operators on the publishing aspects of newspaper/magazines. **Technologies**: Ruby on Rails, Redis server.

**Adobe Systems, Bangalore (July 2011 to June 2012); MTS, Adobe Flash Professional Team, Experience 1 Year**

* Adobe Flash Professional Creative Suite 7: Worked on Timeline panel, JSAPI and TBD's related to timeline, layers, publishing and stage core for the CS 7 version of Adobe Flash professional. **Technology**: C++, JavaScript API, Action script.

**Motorola Mobility, Bangalore (Feb 2011 to July 2011); Software Development Intern, Set Top Box Division, Experience 6 months**

* During this internship worked on a project “Remote booking of programs on a Set-Top Box from a browser enabled mobile. **Technologies**:C, Jsp,Apache tomcat server,Apache derby database.

**Awards and achievements**

* Awarded twice rockstar award in Paytm for in two quarters. Received multiple star of week for consistent good performance by General Manager in Paytm.
* Among top 10 teams in the Programming contest held by ACM ICPC in the year 2009-10.
* Ranked in top 500 out of 10,000 participants all over the world in Google Code Jam 2009.
* Have been an active participant of various online programming contests.
* Organized a national level-programming event - "Segmentation Fault” at IIITA in 2008.
* Ranked in top 0.5% of 6, 00,000 candidates in AIEEE-2007 examination all over India.
* Enjoy working in teams and inspiring people around me.