

Ashutosh Pathak

Current Sr EM Piramal, ex (Walmart, Oracle, Honeywell)
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SUMMARY:

- ✓ Currently looking Sr Manager or Director level roles to manage team of 18 to 30 people. To improve, manage and deliver fast software products using well defined RICE process modals with PDCA cycle
- ✓ 3+ yr experience as Engineering manager and lead team of 18 people at max and did appraisal of 20+ people. Hiring experience 40+ and interviews taking experience > 100+.
- ✓ Experience in working with MNC like Oracle, Walmart and Honeywell.com as well as being the 2nd founding engineer of successful **startup Limeroad.com** having C funding of 250 million Dollar.

EDUCATION

Bachelors and master's in computer science & Engineering from Indian Institute of technology Kanpur 2004-2009

WORK EXPERIENCE

Company: Piramal Housing Finance Designation: Engineering Manager Duration: May 2022 - Current

Responsibilities:

- Having 18 Direct reports and completed appraisal for 12 people in 2023.
- Own core Tier one services for NBFC like KYC, NACH, BBPS Payments Communication and Authorization and Login, content management.
- The team has filled in patent for in-house solution for e-stamp and e-signs.
- Own 21 microservices out of 70 microservices in complete organizations. 60%+ has improved test coverage from 30% to 90% as EE Goals.
- Maintained 4 Nines of availability and reduced operation cost by adding fallback for 8+ services with alternate vendors for handling tech resilience and downtime.
- Built 3 org wide initiatives with open telemetry based front end logging, Micro front end for easy configurations and maintenance and swagger based api documentation for all services with Git commit and free Gitlab plugin. Fast Front end using APP smith <https://www.appsmith.com/>

Company: NPBridgeDotCom Designation: Engineering Manager Duration: Nov 2020- May 2022

Responsibilities:

- Hiring and project deliverables for building Serach and content management system for NGOs using local vernacular languages.
- Having 8 Direct reports including QA, Devops and Developer.
- Completed goal of digitalizing effort of old services to latest Kubernetes and helm chart-based CI CD services to support 99.99 availability. Implemented tools like cloud defense for security vulnerability.
- Built inhouse vault for storing NGO customer funding and financial data in vault using open-source technology like Hashi Corp and side car, service mesh architecture.
- Technologies: Java spring boot, Elastic search, Kubernetes, AKS Gitlab, cloud defense.
- SSL setup for 3rd party domains for hosting their infra as per Microfront end architecture.
- Gitlab, Prometheus and grafana setup for alerting and monitoring. Explored Appdynamics and New relic as well.

- Reduced MongoDB cluster cost > 30 % by indexes and shards.

Company: Walmart Labs

Designation: L5 Staff Engineer

Duration: Sep 2019 – Oct 2020

Responsibilities:

- Lead India Catalog Engineering team which is responsible for the Data Pipeline and common services being used across different engineering teams.
- Responsible for development and maintenance of Catalog uploads metrics and associated productivity metrics.
- Lead team of 4 Back-end Engineers, 1 data engineer, 1 QA engineer and 2 Front end App Developers.
- Owned multiple projects involving Image auditing and web-based auditing as per product manager's vision with agile practices.
- I went through company mentor and coach principles and working over organization key efficiency metrics for associates' productivity.
- Did performance review for 2019 quarter for engineering team along with Director.
- **Technologies Used: Airflow, Spark, Java, Spring Boot, Hibernate, Redis, Kafka, ReactJs**

Company: Honeywell Technology

Designation: Implementation Lead

Duration: Nov 2016– July 2019

Responsibilities:

- Lead an inhouse initiative of building custom Apache Spark logic to build a pivoted data frame and cumulative data sum in spark and Scala for big data projects as reusable components. Provided library functions in NumPy and pivot are not able to handle such data.
- Worked as metric manager for remote team and analytics lead for in house team.
- Designed roadmap and architect micro-services to store past model performance and data services to store history of Hive meta-data for PII data search and abnormality in data pipelines.
- People Skill: - Hiring senior talents for team AI/ML field. Creating stories and tickets with Scrum Master. Timeliness estimation and priority deciding of ongoing projects. Doing code reviews of reporting team and solving bugs in production code with peers.
- Giving demo to 300+ people in early days of spark and bug data.
- Reduced > 70 % operation and maintenance cost by moving old Hadoop jobs to spark based and kafka based jobs.

Company: MoveInSync

Designation: Senior Software engineer

Duration: March 2015 - Oct 2015

Responsibilities:

- To break monolith application and developed microservices for key components. Also added online Redis cache for repeated queries.

Company: LimeroadDotCom

Designation: Founding Engineer

Duration: April 2012 - Oct 2014

Responsibilities:

- As founding engineer built completed product listing and search. Also hired and lead multiple projects in short fast paced durations. Worked with casandra db founder Mr. Prashant and skype inventor.

Company: Oracle

Designation: Member technical Staff

Duration: June 2009 – March 2012

I was hired from campus placement and gone through oracle java university training.

Responsibilities:

- Built Network buffer in C for handling customer bandwidths.
- Built transactional service to provide Oracle updates to client's application.

CERTIFICATIONS & AWARDS:

- Introduction to Big Data, San Diago (<https://www.coursera.org/account/accomplishments/verify/7R6XLEAN72YS>)
- **Probability density function estimation for video in the DCT domain** publication date Jan 26, 2008 [publication descriptions spie.org](https://www.spie.org/publication-descriptions)
- Hadoop Platform and Application Framework, San Diago <https://www.coursera.org/account/accomplishments/verify/X8LRFATGM4F6>
- GitHub: - <http://github.com/ashu2012>
- 2022 Blockchain Smart Contract Architect Certificate [cert](#)
- Piramal Inhouse estamping and E-sgn capability built /used in production & awarded by Anand piramal Patent Pending
- Stackoverflow <https://stackoverflow.com/users/5869997/donald>
- Honeywell building solutions award [click here to see](#)
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