

# Dinesh Mittal

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## Technical Skills

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- **Programming Languages:** Java, Angular, Node.js, JavaScript(ES6), PHP, SQL
- **Frameworks:** Spring Boot, Restful APIs, Hibernate, Spring MVC, JUnit
- **Databases:** MariaDB, MySQL, MongoDB, Oracle
- **DevOps/Cloud:** Jira, Jenkins, GitHub Actions, Linux
- **Libraries & Tools:** Git, Maven, Gradle, JBoss, ActiveMQ, Log4J, jQuery, Sonar, IntelliJ, Jasper

## Experience

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### • Epam Systems - Client: DBS Bank

Software Engineer

Feb 2021 - Present

Hyderabad, India

- **Transformed** a critical banking platform, Intelligent Process Automation, **streamlining** loan processing and trade financing for international transactions across diverse countries.
- Achieved a remarkable **91% reduction** in data generation job processing time by optimizing queries, implementing batch operations, and employing efficient data structures, resulting in a swift transition from 45 minutes to under 4 minutes.
- Played a **pivotal role** in architectural design discussions for prototypes, from user requirement gathering to project deployment using Jenkins, ensuring seamless project delivery.
- Engineered a substantial improvement in **application performance** by overhauling database design, incorporating lazy loading, cache memory strategies, and transitioning from bulk data fetching to efficient batch data retrieval.
- Applied **Agile Methodology**, clean code principles (Sonar, HP Fortify), and a **Test-Driven Development (TDD)** approach to enhance software development practices, facilitating efficient planning, tracking, reporting, and security measures.
- Innovatively developed and integrated a **pioneering document processing solution**, seamlessly interfacing with AI models and implementing multithreaded API handling for a significant performance boost.
- Led the **end-to-end development** of a new project, enforcing coding and versioning standards, managing a 4-member team, engaging with business users, and integrating third-party services like TFR (Trade Finance Registry) to prevent duplicate invoices across banks.
- Showcased proficiency in **Java multi-threading, collections, and DAO entities implementation** using Hibernate API and HQL, achieving enhancement in database transaction querying efficiency.
- Instrumental in applying **Ghost Lazy Loading and JBoss Cache configuration** to scale application performance and ensure optimal responsiveness in a high-transaction environment.

### • Digital Media Hub

Web Development Intern

Aug 2019 - Oct 2019

Pune, India

- Worked as a web developer to build and host **digital portfolios** for clients.

### • Infostretch

Backend Development Intern

June 2019 - July 2019

Pune, India

- Worked with an **Agile team** to build a cross-browser online Java compiler.

## Personal Projects

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- **Printing Optimization in Unrelated Parallel Machines:** A web-based application to schedule document printing in long queues on unrelated parallel machines.

## Accolades

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- **Winner of Smart India Hackathon** (Healthcare Domain), 2019 at SIRT, Bhopal
- **Winner of Project Exhibition** held at DYPIEMR, Akurdi in 2019
- Completed Certification: **98-367: Security Fundamentals, Microsoft** in 2018

## Education

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### B.Tech (Computer Science)

2016-2020

Savitribai Phule Pune University

Pune, India

### Higher Secondary Education

2012-2016

Sarasvati Vishwa-Vidyalaya

Pune, India