

# Preetham M R

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## EXPERIENCE

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### Software Engineer

May 2023 - Present

Tekzen systems

Mysore

- Developed microservice to integrate 5 ecommerce websites with new vendor's API, avoiding codebase modifications, and reduced process time by 50%.
- Designed dynamic pricing functionality enabling dealers to switch between discounted and regular pricing, resulting in a 15% increase in sales.
- Implemented dealer-initiated approval emails for obtaining third-party dealer-related data, reducing response time by 4 hours.
- Developed cron job to capture user details during idle periods, ensuring capture of 100% of leads previously missed during idle situations and thereby eliminating lost leads.
- Utilized Redis for efficient storage, implementing expiration times, resulting in a 25% reduction in database access time.
- Optimized MySQL queries, resulting in a 2x improvement in query execution speed.
- Tech Stack used: Php, Laravel, Redis, MySQL

### Data Analyst

Feb 2021 – April 2023

Cyient

Hyderabad

- Automated repetitive tasks with advanced Excel and VBA, reducing workload by 1 day and enhancing efficiency.
- Conducted competitor analysis to shape strategic decisions and maintain a competitive edge through product, pricing, and market evaluation, resulting in a 10% increase in market share.
- Analyzed customer ratings and reviews, extracting insights and creating comprehensive reports, leading to a 20% improvement in product satisfaction.

## EDUCATION

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### Scaler Academy

Computer Science

02/2022 - 08/2023

### PES College of Engineering

BE – Mechanical Engineering

Mandya

2016-2020

## PROJECTS

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### Ecommerce | Java, Spring Boot, Hibernate, MySQL, Redis

- Developed Ecommerce platform using microservices.
- Implemented OAuth 2.0 for secure authentication.
- Designed RESTful APIs for microservice communication.
- GitHub:// **Ecommerce**

### Movie Booking System | Java, Spring Boot, Hibernate, MySQL.

- Developed robust ticket booking module for reserving seats at events.
- Utilized MySQL database for efficient user and booking record storage.
- Implemented advanced concurrency strategies like thread synchronization and locks during ticket booking.
- GitHub:// **Movie Booking System**

### Parking Management System

- Developed an automated parking lot management system.
- Designed and implemented a ticket generation service for issuing parking tickets to vehicles upon entry.
- Implemented various strategies for slot allocation.
- GitHub:// **Parking Management System**

## TECHNICAL SKILLS

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**Languages:** Java, Python, PHP, SQL, HTML/CSS

**Database:** MySQL, Redis

**Frameworks:** Spring-Boot, Laravel, Hibernate, Kafka

**Coursework:** Data Structure and Algorithms, Object-oriented programming, Database management system, Multi-Threading, Design Patterns, Version Control, Low-level design, Computer Networks