

# Pratik Merekar

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## EXPERIENCES:

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### ITNetworkZ Infosystems Pvt Ltd — Project Intern

Jul 2022 - Aug 2022

Nagpur, India

- Developed a robust **Java-backed web project**, ensuring smooth database connectivity and implementing rigorous data validation procedures.
- Led a cross-functional team of 4 interns, demonstrating strong leadership, fostering collaboration, and improving project efficiency.
- Mentored fellow interns, contributing to the successful completion of various team projects.

## PROJECTS:

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### HTTP Implementation using pure Java | Java

[\[project link\]](#)

- Developed a **multithreaded HTTP server** using Java NIO, supporting concurrent request handling with thread pools.
- **Implemented RESTful endpoints with custom routing system**, HTTP response handling, and health monitoring.
- Utilized Java 8+ features including lambdas, functional interfaces, and modern date-time API

### Productivity Tracker | R, Shiny

[\[project link\]](#)

- Engineered a full-stack web application **with MVC architecture**, featuring real-time data visualization, SQL database integration, and CRUD operations for activity tracking.
- Led team meetings to discuss progress, allocate tasks, and troubleshoot, fostering collaborative problem-solving.
- Created interactive data visualizations using ggplot2 for tracking activity statistics

[\[all projects list\]](#)

## EDUCATION:

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### G.H. Rasoni College of Engineering(GHRCE), Nagpur

Nagpur, India

B.Tech in Computer Science (IoT)

2023

- 2026

### Dharampeth Polytechnic

Nagpur, India

Diploma in Computer Science

2020 - 2023

## TECHNICAL SKILLS

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**Languages:** Java, C++, PHP, Python, HTML5, CSS3, Javascript

**Databases:** MySQL, PostgreSQL

**Utilities:** Git, GitHub, Linux