

# HARSHAL PINGE

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## Summary

Computer Engineering graduate (June 2025) with expertise in full-stack MERN development. Earned 4.5/5 performance rating during frontend internship, achieving 35% efficiency gains and 25% error reduction. Published NPM package (devmetrics-sdk) for API monitoring and built enterprise applications with 25+ REST APIs. Strong problem-solver with 100+ LeetCode solutions.

## Education

### Bachelor of Engineering in Computer Engineering

2021 - 2025

Zeal College of Engineering and Research, Pune

- Minor: Data Science

### Higher Secondary (CBSE)

2019 - 2021

Ira International School, Butibori, Nagpur

## Technical Skills

**Frontend:** React.js, Next.js, Redux Toolkit, Tailwind CSS, HTML5, CSS3

**Backend:** Node.js, Express.js, REST APIs, JWT Authentication

**Database:** MongoDB, GridFS, SQL

**Languages:** JavaScript (ES6+), C++ (STL, OOP)

**DevOps & Tools:** AWS (EC2, S3, Lambda), Git/GitHub, Postman, NPM

**Additional:** LangChain, OpenAI APIs, Agile/Scrum

## Experience

### Frontend Developer Intern

Nov 2024 - Feb 2025

Fulcrum Resources Infinity Pvt Ltd, Pune

Performance Rating: 4.5/5

- Designed and implemented an employee management system using Next.js and Tailwind CSS, improving HR task efficiency by 35% and reducing manual errors by 25%
- Optimized performance through code-splitting and lazy loading, achieving 23% improvement (Lighthouse: 72→89, Load: 3.2s→2.5s)
- Worked independently under HR guidance, receiving regular feedback and direction while consistently meeting project milestones and deadlines

## Projects

### Enterprise Document Management System

GitHub

React, Node.js, Express, MongoDB, Redux Toolkit

- Built and deployed a full-stack document management platform with 25+ RESTful APIs, secure JWT authentication, and role-based access control (RBAC) supporting automated email-based onboarding.
- Engineered optimized MongoDB storage with GridFS for large file uploads, implemented indexed search, and integrated Redux Toolkit for centralized state management.

### DevMetrics SDK

GitHub | NPM

JavaScript SDK, Express, MongoDB, Next.js

- Developed an API monitoring system processing 10K+ requests per hour across 100+ endpoints with average latency under 50ms.
- Published NPM package with SDK and real-time analytics dashboard, enabling developers to integrate performance monitoring with high-volume data visualization.

## Problem Solving & Certifications

### Problem Solving:

- LeetCode: 100+ problems solved
- Focus Areas: Arrays, Strings, Dynamic Programming, Stacks, Queues

### GitHub Portfolio:

- GitHub: 30+ public repositories
- Featured Projects: EDMS (Document Management), DevMetrics-SDK (npm package)

### Verified Credentials:

- Fulcrum Resources Internship (Performance Rating: 4.5/5)
- Edureka Full-Stack Web Development Program (Certificate ID: RSBYSBZN)