

Abhishek Thakare

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SUMMARY

Full-stack engineer with **6 months of production experience** at Tata Motors building backend APIs, real-time dashboards, and REST services serving **150+ daily users at 99.9% uptime**. Proficient in the **MERN stack**, Node.js, Docker, CI/CD pipelines, PostgreSQL, and System Design. Seeking entry-level **SDE-1**, **Full Stack Developer**, or **DevOps Engineer** roles.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, Java, SQL, HTML5, CSS3
Frontend: React.js, Redux, Tailwind CSS, Responsive Design, REST API Integration
Backend / APIs: Node.js, Express.js, Flask, FastAPI, REST APIs, Microservices, JWT Auth
Databases: MongoDB, PostgreSQL, MySQL, SQLite
DevOps / Cloud: Docker, GitHub Actions (CI/CD), Linux, AWS Fundamentals
CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, OS, Computer Networks, System Design
Tools: Git & GitHub, Postman, VS Code, npm

EXPERIENCE

Full Stack & Backend Developer Intern | Tata Motors

Dec 2024 – Jun 2025

Pune, India · Production systems serving cross-functional manufacturing teams

- Designed and deployed **Flask REST APIs** with PostgreSQL to track vehicle component status across departments in real time, maintaining **99.9% uptime** with structured error handling and logging
- Built **AI Task Allocation System** — Flask API layer, relational data modelling, and PostgreSQL backend; reduced manual allocation time by **40%** and served **150+ daily users**
- Developed **MASOP Production Dashboard** (HTML5/CSS3/JavaScript/Chart.js) with live REST API feeds for real-time Tata Winger manufacturing workflow monitoring
- Collaborated in **Agile sprint cycles** with Git/GitHub for version control, code reviews, and branch management across a team of 5+ developers

PROJECTS

AI Resume Analyzer

github.com/buildabhishek/resume-analyzer

React · Node.js · Express · MongoDB · Gemini API · JWT

- Full-stack **MERN** application integrating **Google Gemini API** for AI-powered resume evaluation with detailed section-wise score analytics and improvement suggestions
- Implemented **JWT authentication**, user session management, and full analysis history tracking with MongoDB; REST API secured with middleware-based route protection

Typing Speed Test Application

github.com/Abhishekthakare68/typing-speed-test-mern

React · Node.js · Express.js · MongoDB · REST APIs

- Real-time WPM/accuracy tracker built on the **MERN stack** with RESTful endpoints for score calculation, leaderboard management, and per-user performance history
- Designed MongoDB schema for **high-availability** writes; optimised aggregation queries for leaderboard with indexed user and score fields reducing read latency

Fitness Companion App

github.com/Abhishekthakare68/fitness-companion-app-mern

React · Node.js · Express · MongoDB · ExerciseDB API · YouTube API

- Full-stack **MERN** fitness app with search across 1,000+ exercises by muscle group and equipment type, integrated with ExerciseDB API and YouTube Data API for video tutorials
- Implemented **server-side API response caching** (memoization) reducing average page load time by **60%**; applied rate-limiting middleware to manage third-party API quota

EDUCATION

B.Tech — Electronics & Telecommunication Engineering | VIIT Pune (Vishwakarma Institute of Information Technology) **2021 – 2025**

CGPA: **8.05 / 10.0** Coursework: DSA, OOP, DBMS, OS, Computer Networks, Web Technologies

CERTIFICATIONS

- IBM Full Stack Software Developer** — Professional Certificate (Coursera) · React, Node.js, MongoDB, Docker · [Verify](#)
- IBM DevOps & Software Engineering** — Professional Certificate (Coursera) · Git, Docker, CI/CD, Agile · [Verify](#)