

Gautam Mehta

+91 94285 88428 | gautammehta.connect@gmail.com | linkedin.com/in/the-gautam-mehta | github.com/coderGtm

EXPERIENCE

Software Engineer

Jan 2025 – Present

rtCamp

Pune, MH

- Migrated a legacy PHP-based interface to a modern React-based frontend, improving maintainability and reducing page load time by 30%.
- Optimized media retranscoding workflow by batching backend requests instead of processing them individually, reducing API calls by 50% and improving processing efficiency and responsiveness.
- Designed and implemented scalable backend data transformation pipelines to structure and deliver media metadata efficiently to client facing layers, reducing redundant data processing and improving response consistency.
- Conducted regular peer code reviews, contributing to improved code quality and reducing post-deployment issues by identifying potential bugs and inconsistencies early in the development cycle.

Backend and Android Development Intern

May 2023 – Jun 2023

Ish Tech Solutions

Vadodara, GJ

- Developed and maintained a Django-based backend with 50+ REST APIs, collaborating closely with the project manager and cross-functional team to deliver scalable features.
- Integrated Firebase Cloud Messaging (FCM) to enable real-time push notifications, increasing user engagement and improving conversion rates by 30%.

TECHNICAL SKILLS

Languages: Java, Go, JavaScript, Python, SQL, PHP, HTML/CSS

Frameworks: Spring Boot, Node.js, React

Developer Tools: Git, Docker, Postman, Maven, k6, Google Cloud Platform

PROJECTS

Custom API Rate Limiter | *Java, Spring Boot, Grafana*

Mar 2026 – Apr 2026

- Designed and implemented a multi-layered rate limiting system in Spring Boot enforcing global, per-user, and per-IP limits to protect APIs under high-concurrency scenarios.
- Built thread-safe rate limiting algorithms (Token Bucket, Sliding Window, Leaky Bucket) using optimized in-memory structures, ensuring accurate throttling under concurrent load.
- Instrumented system with Micrometer, Prometheus, and Grafana to monitor throughput, latency, and rejection rates. Validated behavior under load using k6 with burst and spike traffic patterns.

Yantra Launcher | *Kotlin, Android, Gradle, Git*

Dec 2022 – Present

- Built a minimal CLI-based Android launcher that transforms the home screen into an interactive terminal, enabling fast, command-driven navigation and reducing UI distractions.
- Engineered a lightweight command parsing and execution system with a modular architecture, enabling extensibility and efficient command handling.
- Published and maintained the application on the Play Store, achieving 50K+ downloads and strong user ratings (4.6/5), demonstrating real-world adoption and usability.
- Implemented a CI/CD pipeline using GitHub Actions to automate publishing of web documentation, improving deployment consistency and reducing manual effort.

Shiftlog | *Go, JavaScript, HTML, SQLite3*

May 2024 – Jun 2024

- Developed a release notes microservice in Go to automate generation and distribution of changelogs across multiple formats.
- Reduced time to create and publish release notes by 50-75% compared to manual processes
- Supports Release Notes in 3 formats (Plain Text, Markdown, and HTML) designed to support large-scale user-facing applications from one platform.

EDUCATION

CHARUSAT University

Anand, GJ

Bachelor of Computer Science and Engineering

2021 – 2025

Anand Vidya Vihar

Vadodara, GJ

12th Science

2020 – 2021