

# Sagar Shetty

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**Github:** [github.com/sagarshetty381](https://github.com/sagarshetty381) | **Portfolio:** [sagar-shetty.netlify.app/](https://sagar-shetty.netlify.app/)

## TECHNICAL SKILLS

**Languages:** JavaScript (proficient), Typescript, SQL (Postgres), GraphQL, HTML5, CSS3, Java

**Technologies:** React, Node.js, AngularJS, TailwindCSS, Redis, SCSS, MongoDB

**Developer Tools:** Git, Visual Studio, Bitbucket, Github, AWS, SVN, Supabase, Firebase, Android Studio

## EXPERIENCE

### Engineer

Aug. 2022 – Present

*BTS*

Mumbai, India

- Optimized the performance of the existing API by 80% using Redis Caching.
- Designed and developed a robust data migration script in nodejs to efficiently format and transfer data from CMS and MySQL databases to AWS S3 Buckets, which was also used for production environment.
- Handled node upgradation task of 17 backend services which involved code changes, removing of deprecated packages, and resolving issues raised during testing.
- Led the implementation and integration of AWS ElasticSearch to enhance search functionality for improve user experience.

### Systems Engineer

Aug. 2019 – Aug. 2022

*TCS | Client - NSE*

Mumbai, India

- Developed more than 15 utilities, scripts and REST APIs based on the requirements given by the clients.
- Led and supported production deployments of critical trading system updates and enhancements.
- Appreciated by the team lead for leading the development and testing of critical requirements in his absence.
- Created a new architecture and enhancements of existing architecture to enhance trading system performance.

### Android Developer Intern

Jan. 2017 – Mar. 2017

*System Designing (Hitachi)*

Remote

- Successfully designed and developed an Android App in accordance with the company's requirements.
- Integrated Google Maps API for capturing the live location of the end-user and RazorPay for secure payment gateway.
- The app was developed in Java and implemented Firebase as the real-time database.

## PROJECTS

### Bechain – A Dating Website | [Live](#) | [GitHub](#)

Nov. 2023 – Present

React, PostgreSQL, NodeJS, WebSockets, WebRTC

- Developed a full-stack web application using NodeJS serving the REST APIs React as the frontend.
- Implemented scalable and efficient socket communication through Redis pub/sub mechanism.
- Utilized Apache Kafka to reduce database load during chat operations, enhancing overall system performance.

### Web Scrapper API | [GitHub](#)

Aug. 2023 – Sept. 2023

NodeJS, GraphQL

- Implemented a GraphQL-based API for efficient data retrieval.
- Used Node.js for server-side development, incorporating asynchronous programming for web scraping.
- It web scrapes data from GSMarena.com.

## EDUCATION

### Terna Engineering College

Navi Mumbai, India

Bachelor of Engineering in Information Technology (CGPI: 7.32/10)

Mar. 2015 – Mar. 2019

## ADDITIONAL

**Certifications:** Android Certification – Nimap InfoTech (Jul 2017 – Sep 2017)