

Sagar Shetty

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GitHub: github.com/sagarshetty381 | **Leetcode:** leetcode.com/sagarshetty381

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, Node.js, SQL, GraphQL, HTML5, CSS3, C, Java

Frameworks/Libraries: React.js, AngularJS, Express.js, Tailwind CSS

Databases: MySQL, PostgreSQL, Redis, MongoDB

Tools & Platforms: Git, GitHub, Bitbucket, AWS (EC2, S3), Jenkins

EXPERIENCE

Full Stack Engineer | BTS | Mumbai, India

Aug. 2022 – Present

- Boosted API performance by 70% through Redis caching, async processing, optimized MongoDB queries and TypeScript logic
- Upgraded node version of 17 REST APIs by resolving version dependencies, addressing conflicts, and replacing deprecated packages with modern alternatives, also handled the issues that were identified during rigorous testing of the services
- Integrated a RESTful API service which uses AWS CloudSearch to deliver search results 90% faster and recommend related content based on users' current activity and completed actions
- Designed and implemented a scalable Node.js script to restructure and migrate the datasets from CMS and MySQL to AWS S3 buckets, to migrate the large datasets in the production environments

Backend Engineer | TCS (Client – NSE) | Mumbai, India

Aug. 2019 – Aug. 2022

- Delivered the trading system features, created bash scripts and utilities to automate some part of the market end settlement processes reducing manual intervention by 40% and improving overall processing speed by 30%
- Directed deployment and testing of critical trading system updates and ensuring smooth rollouts in production environments
- Spearheaded a team of 5 developers, leading the design, development and delivery of a high-priority system requirement
- Architected enhancements to existing trading system architecture, achieving significant performance improvements by 35%

Android Developer Intern | HITACHI | Remote

Jan. 2017 – Mar. 2017

- Developed an Android application tailored to company requirements, featuring an admin panel, real-time notifications via Firebase for seamless communication, a secure payment gateway using Razor Pay, all delivered within a 1-month timeline

PROJECTS

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

- Built a full stack dating application using React.js and Node.js, designed to enhance user engagement by displaying profiles of currently online users through WebSocket integration.
- Leveraged Apache Kafka and Redis Pub/Sub for efficient database workload management and scalability. Incorporated WebRTC for seamless video calling and API polling to ensure real-time communication between users.
- **Technology Used:** React.js, PostgreSQL, Node.js, Socket.io, WebRTC, Apache Kafka

Pocketpedia | [GitHub](#)

- Engineered a GraphQL-based web scraping API using Node.js, streamlining data retrieval processes; enabled real-time extraction of mobile specifications from GSMArena.com, enhancing data accuracy and efficiency for 15+ user queries daily.
- **Technology Used:** Node.js, GraphQL

EDUCATION

B.E. in Information Technology

Mar. 2015 – Mar. 2019

Terna Engineering College, Navi Mumbai, India