

Sagar Shetty

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GitHub: github.com/sagarshetty381 | **Portfolio:** sagar-shetty.netlify.app/

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Node.js, SQL (Postgres), GraphQL, HTML5, CSS3, C/C++, Java

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

Databases: MySQL, PostgreSQL, Redis, MongoDB

Others: Version Control (Git, GitHub, Bitbucket), AWS (EC2, S3), Jenkins

EXPERIENCE

MEAN Stack Developer

Aug. 2022 – Present

BTS, Mumbai, India

- Achieved 80% performance improvement for critical APIs by optimizing MongoDB queries and implementing Redis caching
- Developed highly scalable and efficient data migration script in Node.js for efficient restructuring and transfer of large datasets from CMS and MySQL databases to AWS S3 buckets. This script was utilized to migrate data for the production environment
- Led the comprehensive upgrade of Node.js for 17 critical backend services, addressing version dependencies, replacing deprecated packages with improved alternatives, and resolving issues that were identified during rigorous testing of the service
- Leveraged AWS CloudSearch, significantly improve user search experience by enabling faster and more relevant search results

Backend Developer

Aug. 2019 – Aug. 2022

TCS | Client – NSE, Mumbai, India

- Developed multiple critical utilities, shell scripts and REST APIs meeting the client requirements, ensuring high performance
- Spearheaded the deployment and testing of critical trading system updates and enhancements to the production environments
- Demonstrated strong leadership by effectively leading development tasks and taking initiatives during the team lead's absence
- Architected and implemented enhancements to the existing trading system architecture, resulting in improved performance

Android Developer Intern

Jan. 2017 – Mar. 2017

HITACHI, Remote

- Developed HVAC Awards and nominations native Android application aligning the company's requirements. The application facilitates real time notification, integrates a secure payment gateway (Razor Pay), and offers dedicated admin and user panels

PROJECTS

Bechain – A Dating Website | [Live](#) | [GitHub](#) | (React.js, PostgreSQL, Node.js, Socket.io, WebRTC, Apache Kafka)

- Developed a dating web application using React.js and Node.js. It utilizes web sockets to ensure users only see profiles of currently online users, maximizing engagement potential. Leverages Apache Kafka and Redis pub/sub for efficient database workload handling. Added WebRTC for video calling and API polling to maintain real time communication between the users

Pocketpedia | [GitHub](#) | (Node.js, GraphQL)

- Developed a GraphQL based web scraping API with Node.js for efficient data retrieval. It utilizes asynchronous programming for real-time web scraping of mobiles information from GSMArena.com, supports pagination and flexible GraphQL queries

EDUCATION

Terna Engineering College

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

Navi Mumbai, India

Mar. 2015 – Mar. 2019

ADDITIONAL

Certifications: Android Certification – Nimap InfoTech