

HITESH YADAV

SOFTWARE ENGINEER

A Software Engineer with over three years of professional experience in developing scalable and maintainable enterprise applications, with a good understanding of core computer science fundamentals like DBMS, Data Structure and Operating System and love towards teaching.

CONTACT INFORMATION

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SKILLS

- **Programming Languages:** Python, JavaScript, Java, Golang/Go and C++.
- **Frameworks:** ReactJS, Node.js, Django, Express, Spring Boot, NestJS
- **Database:** PostgreSQL, MongoDB, MySQL
- **Others:** Elasticsearch, RabbitMQ, Celery, Redis, SQS, Git

EDUCATION

BTU, BIKANER

Bachelors of Technology

- Teaching Assistant for Database and Web applications development using Python and ReactJS.
- Database Management System
- Data Structure & Algorithms
- Operating System

IIT BOMBAY

Research Intern

- Worked on PLY(Python LEX & YACC) for program analysis and learning about programming language analysis.
- Learn about the Program analysis and how to understand the data flow and control flow of any software after reversing it.

OTHERS

- Qualified GATE and other different exams related to computer science.
- Active open-source contributor at different open source projects.
- Worked on 30+ projects self and freelance projects.

WORK EXPERIENCE

SOFTWARE ENGINEER

Greenlight Planet India, Gurgaon

July 2021 -

- Setup centralised Elasticsearch cluster for improving partial search and autosuggestion provided to users by almost 50%.
- Worked on setting up centralised user management and Authorization services for other applications along with setting up the MicroServices

FOUNDING ENGINEER

Bitespeed, Gurgaon

Feb - July 2021

- Worked as initial engineer in setting up different applications along with creating services for internal analytics dashboard, setting up centralized messaging and logging services.

SOFTWARE ENGINEER

Instahyre, New Delhi

Aug 2019 - June 2020

- Splitting up our monolithic architecture into microservices, while refactoring the codebase and introducing modern code practices.
- Optimized internal dashboard by almost 5 fold using different optimization techniques like DB indexing, async tasks, caching, etc

PROJECTS

BROWSER EXTENSION FOR TRACKING LEARNING ACTIVITIES.

Tech Stack: ReactJS, ExpressJS, MongoDB

- Browser extension for tracking you daily learning activity on different platforms like Leetcode, Hackerrank, Codeforces, Codechef, etc.
- It will help in revising the old questions and concepts more efficiently.

REALTIME CODING & COLLABORATIVE TOOLS

Tech Stack: ReactJS, Node.js, ExpressJS, Socket.io, MongoDB

- Live collaborative tools like a code editor for peer coding with other people.
- Chat for real-time discussion and thought to share.
- These tools come up with features like real-time sharing, moderator access, commenting and sharing.

STUDENT MANAGEMENT & RESULTS SYSTEM

Tech Stack: ReactJS, Python, Django, MySQL, RabbitMQ, AWS

- Developed scalable student management system for the university.
- Features like Result system for students to check their results anytime, fees deposition, receipt generating, and apply for any queries.
- Admin can send SMS, Email(Bulk), Notifications, managing permission levels, adding and managing students and employees.