

Shubham Mittal

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SKILLS

LANGUAGES

Java, C++, JavaScript, TypeScript,
HTML5, CSS3

FRAMEWORKS

Spring Boot, React.js, Node.js, Next.js

DATABASE SYSTEMS

PostgreSQL, MySQL, Redis

CLOUD SERVICES

AWS (EC2, S3, RDS), Docker,
Kubernetes

VERSION CONTROL

Git, GitHub

CI/CD

Jenkins, GitLab CI

APIs

RESTful API design, GraphQL,
third-party API integration

SOFT SKILLS

Problem-solving and analytical
thinking
Data Structures and Algorithms
Object Oriented Programming
Design Patterns

ACHIEVEMENTS

Knight on **Leetcode** (1928)
Expert on **Codeforces** (1634)
Rank 108 in **Codechef** Starters 11

EDUCATION

B.TECH

COMPUTER SCIENCE AND ENGINEERING

Indian Institute of Information
Technology, Pune
July 2019 - May 2023
GPA - 7.95

HIGHER SECONDARY

Amarchand Singhvi International
School, Gandhidham
June 2017 - June 2019
Percentage - 87%

LINKS

LinkedIn:// **Shubham Mittal**
GitHub:// **Shubham-Mi**
Leetcode:// **Shubham_Mi**
Codechef:// **mittalshu1234**
Codeforces:// **Shubham_mi**

EXPERIENCE

TINYCO | SOFTWARE ENGINEER

June 2023 – Present | remote

- Successfully **scaled the application** to handle the delivery of **50 million emails daily**, ensuring high performance and reliability.
- Migrated the database from **Postgres to Clickhouse**, enhancing performance and scalability in managing large datasets and improving query execution times.
- Created and maintained **API services** enabling better integration with third-party systems and expanding the product's flexibility.
- Collaborated with fellow engineers to **design and implement scalable, maintainable system architecture**, ensuring robust performance and future growth potential.

IBM ISL | SOFTWARE ENGINEERING INTERN

July 2022 – Jan 2023 | Bangalore, India

- Researched and analyzed diverse connection protocols, including **Bluetooth, BLE, and WiFi**, to enhance the functionality of the MaaS360 app.
- Designed and developed a user-friendly **proof of concept app** to visually showcase research findings.

PROJECTS

TWITTER CLONE Jan 2022 – June 2022

- Developed and launched** a fully functional **Twitter clone** showcasing proficiency in front-end and back-end development, including **user authentication, real-time updates, and database management**.
- Implemented features such as **user profiles, tweet posting, liking, and following/followers system**, ensuring an engaging and dynamic user experience.
- Used technologies: **NextJs, Tailwind CSS, NodeJs, GraphQL, PostgreSQL, Redis**

SCRIBBLE GAME Jan 2022 – June 2022

- Designed and implemented a dynamic online multiplayer **Scribble game** leveraging **ReactJS** for the intuitive user interface.
- Engineered a back-end using **Express.js** and **Socket.IO**, enabling **real-time interactions** between players during drawing and guessing sessions.
- Developed diverse functionalities including **room creation, player invitations, guessing, interactive chat, and scoring features**.

E COMMERCE APP FOR SPORTS Aug 2021 – Nov 2021

- Developed a dynamic **e-commerce platform** for sports items utilizing **Vue.js** to craft an intuitive and responsive user interface.
- Employed **Spring boot** to architect a back-end that efficiently managed **product data, user authentication, and transactions**.
- Implemented essential e-commerce functionalities, including powerful **search capabilities**, product viewing and seamless shopping **cart management**.