

# ISHAN BAGCHI

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## EXPERIENCE

### Full Stack Developer

QuestionPro Solutions Pvt. Ltd.

May 2022 - Present

Pune, Maharashtra, India

- Built and maintained an **advanced analytics platform** using **ClickHouse** for high-performance data processing and **NestJS** for scalable APIs.
- Developed real-time **interactive dashboards** with **React** and **amCharts**, enabling users to explore large datasets visually.
- Implemented core statistical methods like **weighting**, **crosstab analysis**, and **data merging**; supported **external file uploads** for deep analytics.
- Designed scalable solutions to deliver **real-time insights**, boosting the efficiency of BI workflows.

## FREELANCE / CONTRACT WORK

### Full Stack Developer (Contract)

Stacklist Inc.

April 2025 - June 2025

Remote

- Developed and optimised a high-performance **Next.js** frontend for the main platform.
- Integrated **Firebase** for real-time file syncing and storage management.
- Refactored and improved the Stacklist **browser extension**, enhancing performance, usability, and stability.
- Led cross-platform compatibility efforts across **Chrome, Firefox, and Safari**.

## PROJECTS

### ChatMe, Real-Time Chat App

([GitHub](#))

- Built a real-time messaging app with WebSocket and Node.js, ensuring **<50ms latency** for **50+ concurrent users**.
- Integrated **real-time notifications** and robust error handling, achieving **99% uptime**.
- Scaled using Docker containers and horizontal scaling to handle increased demand.

## SKILLS

**Languages:** JavaScript, TypeScript, Python, Java — **Frontend:** React, Next.js, Redux, Tailwind CSS — **Backend:** Node.js, Express, TypeORM, NestJS — **DevOps:** Git, Docker, Jenkins, AWS — **Testing:** Jest, Vitest — **Databases:** MySQL, MongoDB, ClickHouse — **Lingual:** English, Hindi, Bengali

## ACHIEVEMENTS & LEADERSHIP

- **dev.to Blogger:** Write technical blogs on [dev.to](#) with over **15,000+ views**; also contribute as a community moderator.
- **Smart India Hackathon 2023:** Mentored and led team CodeVein to victory in the **Software Edition**, managing deliverables and timelines.

## EDUCATION

**B.Tech in Computer Science and Engineering**, Siliguri Institute Of Technology

2018 - 2022

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems, and Computer Networks.