

Shubham Mishra

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SKILLS

- **Languages:** JavaScript, TypeScript, Python, C++, SQL
- **Frameworks:** Next.js, NodeJS, React
- **Tools/Platforms:** MySQL, MongoDB, Github, Vercel, Prisma, BullMQ, Redis, PostgreSQL
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability
- **Core Competencies:** Full-Stack Development, Performance Optimization, Problem-Solving & Logical Reasoning

PROJECTS

Mini-CRM-System

May 2025

Built a **scalable** mini CRM platform simulating customer **data ingestion**, audience segmentation, and campaign automation for marketing operations..

- Integrated schema validation using Zod and batch processing with **BullMQ queues** for high-volume data ingestion.
- Designed a **background worker** with Prisma to handle large-scale inserts **asynchronously** while maintaining API responsiveness.
- Developed a dynamic dashboard with campaign analytics, manual as well as **AI powered** segment builder and message generator. - [miniCRMdeployed](#)
- Deployed real-time updates and status tracking via **queue-driven** processing and Vendor API integration.
- **Tech Stack:** Next.js, TypeScript, Tailwind CSS, PostgreSQL, Prisma, BullMQ, docker, Redis, OAuth2.0, Zod.

SoundPrint

March 2025

Developed a web application that transforms users' Spotify listening history into a unique waveform and enables **NFT minting** on the Internet Computer Protocol (ICP).

- Integrated Spotify Web API for real-time data fetching and Internet Identity for secure, **passwordless Web3 authentication**.
- Built a responsive and modular frontend using React, Tailwind CSS, and TypeScript, deployed at soundprint.icpo.io.
- Secured 1st place at Block se Block, a **Web3 hackathon** organized by ICP Hub, among 200+ participants.
- **Tech Stack:** React, TypeScript, Tailwind CSS, Spotify Web API, Internet Identity, ICP

Get-Your-Tixx:

May 2024

Built an **attendance marking system for events** that generates unique **QR codes as tickets** for each attendee and sends confirmation emails using **Mailgun**. Volunteers or admins can verify attendees through unique profiles.

- Implemented **QR code-based ticketing** to streamline event check-ins.
- Integrated **Mailgun API** to send automated email confirmations.
- Designed an admin panel for managing attendees efficiently.
- Built and controlled Versions over git on Repository - github.com/SHxBHAM/Get-Your-Tixx
- **Tech:** Node.js, Express.js, MongoDB, QR Code Generation Libraries, Mailgun API

ACHIEVEMENTS/INVOLVEMENTS

Winner | Block se Block - Web3 Hackathon by ICP Hub

Secured 1st Place among 200+ participants buliding **Soundprint**, a Spotify powered NFT generator on the ICP chain Showcasing Web3 Authentication, realtime music data integration and block chain based NFT minting.

Core Team Member | Google Developer Student Club (GDSC), LPU

Organized and executed key events like GDSC WoW, overseeing logistics, coordination, and team collaboration.

Developed skills in web development, Linux, and SSH through hands-on projects and mentorship from senior members.

Core Team Member | Encrypt Edge

Collaborated with cross-functional teams to design cybersecurity challenges, ensure best practices, and enhance participant engagement.

Played a key role in organizing and executing the 24-hour hackathon "Republic of Cyber Sentinels (RCS)", coordinating logistics, managing event flow, and ensuring smooth operations.

EDUCATION

Lovely Professional University

Punjab, India

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.5

Since August 2022

Saint Marks Sr. Sec. Public School

Delhi

Intermediate; Percentage: 79 %

April 2021 - March 2022

Saint Marks Sr. Sec. Public School

Delhi

Matriculation; Percentage: 82%

April 2018 - March 2019