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 aswell as **AI powered** segment builder and message generator.
  - 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.icp0.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, realtitme 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*