

# Shubham Mishra

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## SKILLS

- **Languages:** JavaScript, TypeScript, C++, SQL, Java, Python
- **Frameworks:** React, Next.js, NodeJS, Express.js
- **Tools/Platforms:** GitHub, Vercel, Prisma, BullMQ, Docker, Git, AWS, Postman
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability
- **Development :** RESTful API Design, Third-party Integration, Performance Optimization, Scalable Web Applications
- **Core Competencies:** Full-Stack Development, Performance Optimization, Project Coordination, SDLC Understanding

## PROJECTS

- **Mini-CRM-System** May 2025  
Built a scalable CRM platform using Next.js, PostgreSQL for data ingestion, segmentation, and campaign automation in a SaaS environment.
  - Engineered RESTful APIs with Next.js and PostgreSQL database handling 10,000+ customer records, utilizing big data techniques.
  - Achieved 4x performance boost in data insertion using asynchronous background workers with Prisma ORM which included performance testing to ensure efficiency
  - Built dynamic analytics dashboard with React hooks, state management, and real-time KPI tracking for stakeholder visibility
  - Implemented complex PostgreSQL queries and schema design with Zod validation for high-throughput processing
  - Enabled dynamic audience segmentation with manual rules and AI-powered logic. – [GithubRepolink](#)
  - **Tech Stack:** Next.js, TypeScript, Tailwind CSS, PostgreSQL, Prisma, BullMQ, docker, Redis, OAuth2.0, Zod.
- **SoundPrint** March 2025  
Developed full-stack web application using React JS that transforms Spotify listening history into waveforms with NFT minting on ICP blockchain.
  - Built responsive frontend with React, TypeScript, and component lifecycle management
  - Integrated Spotify Web API for real-time data fetching and RESTful API communication
  - Implemented secure passwordless Web3 authentication with Internet Identity integration
  - Coordinated QA and deployment using Git workflows and collaborative development practices, conducted extensive testing to ensure stability.
  - Successfully deployed scalable application at [soundprint.icpo.io](https://soundprint.icpo.io).
  - Secured 1st place at Block se Block Web3 Hackathon among 200+ participants for rocking innovation.
  - **Tech Stack:** React, TypeScript, Tailwind CSS, Spotify Web API, Internet Identity, ICP
- **Get-Your-Tixx:** May 2024  
Built attendance marking system using Node.js, Express.js, MongoDB with QR code-based ticketing and automated email confirmations.
  - Developed RESTful APIs with Node.js/Express.js for QR code generation and attendee management.
  - Implemented MongoDB operations with complex queries for event and user profile management
  - Integrated Mailgun API for automated ticket confirmations and email workflow designs with clarity in mind.
  - Streamlined event check-ins, reducing manual processing time by 90%
  - Created comprehensive project documentation and deployment guides for code reusability
  - Managed collaborative development with Git and maintained clean code practices
  - Built and controlled Versions over git on Repository -[github.com/SHxBHAM/Get-Your-Tixx](https://github.com/SHxBHAM/Get-Your-Tixx)
  - **Tech Stack:** Node.js, Express.js, MongoDB, QR Code Generation Libraries, Mailgun API

## EXPERIENCE

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

Organized and executed key web development events like GDSC WoW, overseeing logistics, coordination, and team collaboration. Collaborated with designers and technical teams during event planning using modern web development workflows. Mentored peers in JavaScript, React, and web fundamentals, demonstrating excellent problem-solving skills and strong communication.

### Core Team Member | Encrypt Edge

Collaborated with product managers and cross-functional teams to design technical challenges and deliver high-quality solutions. Played a key role in organizing the 24-hour hackathon "Republic of Cyber Sentinels (RCS)", demonstrating ability to work independently and as part of a team while ensuring smooth operations.

### Member | FOSS United

Participated in modern web development workflows including project planning discussions and collaborative contribution models. Gained experience in technical documentation, code reviews, and adherence to best practices in open-source development environment.

## 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

## ACHIEVEMENTS

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- **Winner 1<sup>st</sup> Place | Block se Block Web3 Hackathon**

Built SoundPrint, a Spotify-powered Web3 NFT generator on the ICP chain. Secured 1st place among 200+ participants by showcasing real-time music data integration and blockchain-based NFT minting.

- **300+ DSA problems Solved**

Practiced and solved over 300+ DSA problems and mastered Data Structures & Algorithms across platforms including LeetCode, Codeforces, and HackerRank, demonstrating strong problem solving and analytical skills.

- **Core Member | GDSC LPU & Encrypt Edge**

Led planning and logistics for hackathons and 10+ technical events, collaborated with cross-functional teams, and practiced Agile-style execution in high-pressure environments.