






# Nitesh Kumar Mishra

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Amritsar, Punjab - 143001, India


## EDUCATION

- **Guru Nanak Dev University** July 2021 - June 2025  
*Bachelor of Technology in Electronics and Communication Engineering* Amritsar, Punjab
  - Courses: Operating Systems, Data Structures, Design and Analysis of Algorithms, Machine Learning, Computer Network, Fiber Optics, Neural Network
  - GPA: 6/10
- **SSSS Modern High School (73%)** April 2021  
*12th, CBSE, Non-Medical (PCM, Computer Science)* Amritsar, Punjab
- **Shaheed Baba Pratap Singh Memorial Sen. Sec. School (85%)** April, 2019  
*10th, PSEB* Amritsar, Punjab






## SKILLS

- **Programming Languages:** Python, C++, JavaScript / NodeJs / Typescript, SQL
- **Web Technologies:** React, NextJs, TailWind Css, Express
- **Database Systems:** MySQL, MongoDB, Postgres SQL
- **Cloud Services:** AWS S3, AWS Lamda, Cloudfront (CDN), Vercel
- **DevOps & Version Control:** Git, Docker, Github Actions
- **Other Tools & Technologies:** Ubuntu , Fedora, Firebase, PostMan, Excel

## EXPERIENCE

- **TwoWaits**  1-Feb 2022 - 1-March 2022  
*MERN Scholar Intern* Remote
  - Designed and developed a client website to showcase and highlight their services using ReactJS.
  - Implemented the frontend design, ensuring a user-friendly interface and responsive layout.
  - Managed the routing schema for seamless navigation across the site.

## PROJECTS

- **PTC Toys – E-Commerce App**    
*Tools: Next.js, TypeScript, Node.js, PostGres SQL, Prisma, AWS S3, AWS SDK, CloudFront, Tailwind CSS*
  - Developed a full-featured e-commerce platform with dynamic product listings, secure authentication, and optimized checkout.
  - Implemented AWS S3 for image storage with signed URLs, ensuring secure and scalable media handling.
  - Utilized CloudFront for content caching, reducing load times and improving site efficiency.
  - Designed and developed a product and user management system, accessible only to admins for seamless inventory control.
- **Message Hub - End-to-End Encrypted Messaging**    
*Tools: React.js, Node.js, Express, Firebase Realtime Database, Firebase Auth, SealdIo-SDK*
  - Built a secure messaging platform offering fast, simple, and end-to-end encrypted communication.
  - Reduced authentication time by 40% using Firebase Auth for seamless login experience.
  - Ensured robust encryption by integrating SealdIo-SDK, enhancing message security by 25%.
- **Wave - Music Player (Sound, Music, Audio Processing)**   
*Tools: React-Native, Node.js, Android, JavaScript*
  - Developed a music player app using React-Native with the capability to play pre-included music files.
  - Enhanced user navigation by 30% with a clean and interactive UI design.
  - Optimized state management, reducing app load time by 25%.

## CERTIFICATIONS

- **ReactJs** july 2023