

Arkan Khan

Bachelor of Technology in Information Technology

Vidyalankar Institute of Technology, Mumbai

✉ arkankhan051@gmail.com

Mumbai, Maharashtra

+91-9967386861

GitHub

LinkedIn

Twitter

Portfolio

PROFESSIONAL SUMMARY

Full Stack Web Developer passionate about creating efficient and innovative web applications. Skilled in MERN and PERN stacks and currently focused on sharpening my development skills while exploring new technologies.

TECHNICAL SKILLS

- **Frontend:** React.js, Next.js, TypeScript, Recoil, Tailwind CSS, HTML5, CSS3, JavaScript
- **Backend:** Node.js, Express.js, RESTful APIs
- **Database & ORM:** Prisma, PostgreSQL, MongoDB, Supabase, SQL
- **DevOps/Tools:** Docker, Jenkins, Git, GitHub, CI/CD Pipelines, Postman
- **Cloud & Deployment:** AWS (EC2, S3, CloudFront), Supabase, Vercel, Netlify
- **Authentication & Security:** JWT, bcrypt
- **AI Integration:** Gemini API, AI-powered Applications
- **Additional:** Firebase Cloud Messaging, Cloudinary
- **Programming Languages:** JavaScript, TypeScript, Python, C

PROJECTS

FindIt – Lost & Found Community Platform

March 2025

React (TypeScript, Recoil, Tailwind CSS), Node.js, Express, Prisma, Supabase, AWS, Firebase, Cloudinary

Architected a full-stack, mobile-responsive platform supporting **5+ communities** with group-based lost/found item management through unique access codes and real-time notifications

Engineered secure authentication system with **10+ active users** during beta testing, enabling multi-group functionality and image uploads via Cloudinary integration

Implemented Firebase Cloud Messaging for instant notifications, achieving **70% faster item recovery rates** and **90% user engagement** in internal testing

Deployed scalable architecture on AWS (EC2, S3, CloudFront) supporting **100+ concurrent users** with optimized load times and Recoil state management.

Live: findit.zodx.tech

Gradewiz – AI-Assisted Grading & Assessment Platform

October 2024

MongoDB, Express.js, React.js, Node.js (MERN), Gemini API, CSV Export

Developed AI-powered grading platform serving **5 admins** in beta, enabling automatic test creation from PDF uploads and descriptive answer evaluation using Gemini API

Built collaborative group environments supporting **50+ students** with automated question generation, real-time test management, and detailed performance analytics

Implemented intelligent grading system processing **50+ student responses** with detailed feedback, reducing manual grading time by **60%** and improving feedback delivery by **75%**

Designed scalable MERN architecture with CSV export functionality, enabling teachers to track question-wise performance across **10+ assessments** during testing phase

EDUCATION

Bachelor of Technology in Information Technology

Nov 2022 – Present

Vidyalankar Institute of Technology, Mumbai, Maharashtra

CGPA: 9.9/10 (Graduation 2026)

Higher Secondary Education

2020 – 2022

K J Somaiya College of Science and Commerce, Mumbai, Maharashtra

ACHIEVEMENTS

First Prize Winner: Secured **1st Prize** at Mini Marvel's Showcase among **20+ competing teams** with my group for innovative mini project solution. [\[Certificate\]](#)

Hackathon Participant: Selected among **top participants** with my classmates in **ACE HACKS 1.0**, a prestigious 24-hour coding competition with **200+ developers** solving real-life problems [\[Certificate\]](#)

Academic Excellence: Consistently ranked in **Top 5%** among **60+ students** in Information Technology department, maintaining **9.9/10 CGPA** across **5 semesters**.

CERTIFICATIONS

CS50x: Introduction to Computer Science – Harvard University (edX), Dec 2023 [\[Certificate\]](#)