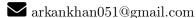
Arkan Khan

Bachelor of Technology in Information Technology

Vidyalankar Institute of Technology, Mumbai



Mumbai, Maharashtra



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 $\mathbf{5}+\mathbf{communities}$ 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 (7)

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]