

# AMISH PITHVA

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## WORK EXPERIENCE

### NetAI Inc.

May 2025 – Present

#### Software Engineer (Frontend Engineer)

- Built interactive **World Map Visualization** with real-time **Alert** detection, displaying **Network Devices** and types of **Traps** for faster incident resolution.
- Implemented Role-Based Access Control (**RBAC**) to secure and streamline user access across the AI-NOC platform.
- Integrated **gRPC API** to enhance real-time data communication and platform performance.
- Developed and optimized Next.js components ensuring high reusability, responsiveness, and **improved** load times by **20%**.

## SKILLS

**Programming Languages:** C++, Java, JavaScript, Typescript, SQL

**Backend:** NodeJs, ExpressJS

**Frontend:** React, NextJs, Redux, HTML, CSS

**Databases:** MongoDB(NoSQL), MySQL, PostgreSQL

**Cloud/DevOps:** Docker, AWS(EC2, S3)

**Web Technologies:** Socket.IO, Redis

**Tools:** Linux, Postman, Version Control(Git, Github)

**Languages :** English (Conversational proficiency), Native Hindi Gujarati speaker

## PROJECTS

### Talk-a-Tive(Chat-app) [🔗](#)

[Source Code](#)

- Techstack - ReactJs, NodeJs, ExpressJs, MongoDB, Material UI, Socket.IO
- Designed and implemented **real-time** messaging functionalities, including one-to-one and group chat features, supporting over **100** users simultaneously.
- Developed a real-time live **location-sharing** feature within the chat application, enhancing user connectivity and convenience, with a location update **latency** of **less than 2** seconds.
- Integrated Material UI components to enhance user interface consistency and reduce development time by **30%**.
- Optimized DB queries using **Indexing** and **Aggregation Pipeline** Method, reduced response time by **50%**

### YourPrepPartner(OA Platform) [🔗](#)

[Source Code](#)

- Techstack - React, ExpressJs, NodeJs, MongoDB, ChartJs, Redis
- Enhanced API performance by integrating a **Caching** layer, improving query response times by **40%**.
- Accelerated UI development by **30%** using a component library for efficient and consistent design.
- Designed **Progress Analytics** to provide detailed performance tracking for users.
- Deployed on **Vercel** (frontend) and **Render** (backend) for scalable and reliable production hosting.

## ACHIEVEMENTS

### GTU Techfest (Code Storm - Runner Up)

March 2023

- I clinched the **runner-up** position among **500** participants in the Code Storm event, held during the Central Tech Fest organized by GTU.
- It provided invaluable exposure to emerging technologies and fostered networking opportunities with industry professionals
- prioritized** tasks during the event, managing an intense schedule to solve over **12** coding problems in under **3-4** hours while ranking among the top participants of 500 competitors.

### Algorithmic Competitions

- Solved **500+** Problems across **Leetcode** and **GeeksforGeeks**.
- Secured the coveted **1st** position on the **College** Level in the **GeeksforGeeks** Institute Leaderboard [🔗](#)
- Achieved a **5-star** rating on **HackerRank**, showcasing expertise in algorithms, data structures, and logical reasoning. [🔗](#)
- Achieved highest contest rating of **1467** on LeetCode.

## EDUCATION

### Ahmedabad Institute of Technology, Gujarat

2021-2025

B.Tech in IT(Information Technology)

7.92/10 CGPA

### St. Xavier's High School, Gujarat

May, 2021

PCM with Computer Science

8.0/10 CGPA