

Pratham Mehta

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EDUCATION

Technocrats Institute of Technology

Bachelor of Technology (B. Tech.)

Bhopal, MP

Aug. 2021 – May 2025

EXPERIENCE

Freelancer

June 2024 – Present

Remote

- Designed and implemented **full-stack applications** using **Next.js, React, and Node.js**, ensuring scalable and maintainable architecture.
- Built **CI/CD pipelines** using **GitHub Actions and Docker**, automating deployments for multiple clients.
- Provisioned and managed **cloud infrastructure** using **Terraform and AWS**, enabling seamless scaling and high availability.
- Optimized application performance by implementing **caching strategies, container orchestration (Kubernetes), and load balancing**.
- Enhanced **security** by setting up **IAM policies, secrets management, and automated vulnerability scanning**.
- Collaborated with cross-functional teams to **streamline DevOps workflows**, reducing deployment time and operational overhead.

PROJECTS

Peetcode | NextJs, Postgres, WebSocket, Docker, Kubernetes, Terraform

[Link](#) [GitHub](#)

- Designed and developed a **scalable problem-solving platform** using **microservices architecture**, implementing **DevOps best practices** for seamless deployment and maintenance.
- Implemented **Redis** for efficient caching and real-time data synchronization, enhancing system performance and reducing latency.
- Integrated **WebSockets** to enable real-time communication, providing a seamless and interactive user experience.
- Containerized microservices using **Docker** and orchestrated deployments with **Kubernetes**, ensuring seamless scaling and fault tolerance.
- Optimized the platform to handle **500+ concurrent users**, ensuring scalability and stability under load.

Generate.AI | NextJs, Fal.AI, Docker, GitHub Actions

[GitHub](#)

- Developed **Generate.AI**, an AI-powered platform that allows users to train models using their own images, enabling personalized image generation.
- Integrated **Fal.AI** for fine-tuning AI models, ensuring high-quality and context-aware image generation based on user-provided prompts.
- Implemented a scalable backend using **Docker** and automated deployment workflows with **GitHub Actions** for continuous integration and delivery.
- Designed an intuitive frontend with **Next.js**, providing a seamless and interactive experience for users training and generating AI-powered images.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Golang, C/C++, Python

Frameworks: React, Node.js, NextJs

DevOps Tools: Docker, Kubernetes, Terraform, GitHub Actions, Jenkins, ArgoCD, Helm

Cloud Infrastructure: AWS (EC2, S3, CLOUDFRONT, EKS), Google Cloud Platform (GKE, Cloud Run)

Developer Tools: Git, VS Code, Visual Studio, Postman, Nginx

ACHIEVEMENTS

- Participated in **Code for Bharat Season 1**, contributing to innovative solutions for public digital infrastructure.
- Achieved a ranking under **2000** in a **LeetCode contest**, demonstrating strong problem-solving and algorithmic skills.