

# Kevan Mehta

+1-469-269-8726   [kevanmehta2511@gmail.com](mailto:kevanmehta2511@gmail.com)   [linkedin.com/in/kevan-mehta/](https://linkedin.com/in/kevan-mehta/)   [github.com/KevanMehta](https://github.com/KevanMehta)

## Professional Experience

### Community Dreams Foundation

Software Engineer

Remote, US

08/2024 - Present

- Designed and implemented secure and scalable cloud architectures for community management products, achieving a **99.95%** uptime with AWS services.
- Built and deployed APIs for seamless integration with third-party services, reducing onboarding times by **20%**.
- Developed Kubernetes-based deployment pipelines, optimizing resource utilization and cutting release cycles by **25%**.
- Collaborated with DevOps teams to implement Infrastructure-as-Code solutions, streamlining deployments and improving system reliability.

### vDoIT Technologies

Software Engineer

Delhi, India

01/2022 - 05/2022

- Engineered distributed cloud solutions using Python and Kubernetes, improving performance and scalability for a user base of **400,000+**.
- Implemented CI/CD pipelines for API and microservice deployments, reducing deployment times by **30%**.
- Contributed to the development of secure, serverless frameworks to enhance cloud-based operations.
- Enhanced service reliability by applying distributed system principles, ensuring robust fault tolerance mechanisms.

### ABC Infomedia

Junior Software Engineer

Tamil Nadu, India

04/2021 - 08/2021

- Designed and deployed cloud-based infrastructure using Azure, improving system availability and reducing costs by **15%**.
- Developed and tested APIs using Python, ensuring reliable data integration across distributed systems.
- Automated deployment workflows using Infrastructure-as-Code tools, improving consistency and reducing manual intervention.
- Collaborated with cross-functional teams to enhance service scalability and monitoring capabilities.

### BISAG-N

Machine Learning Engineer

Gujarat, India

06/2021 - 07/2021

- Designed serverless solutions to optimize data processing pipelines, achieving a **12%** increase in throughput.
- Integrated AWS services into machine learning workflows, enhancing operational efficiency and reducing latency.
- Built monitoring and alerting systems for cloud-based services to ensure high availability and reliability.

## Academic Projects

### Political Sentiment Analysis

05/2023

- Developed a secure, serverless data management solution using AWS Lambda and API Gateway.
- Designed Kubernetes clusters for scalable service deployments, reducing operational overhead by **20%**.

### NFT Transaction System

11/2022

- Implemented scalable Python-based solutions for distributed data processing, increasing system efficiency by **15%**.
- Integrated observability tools for monitoring and debugging, reducing downtime during peak operations.

## Technical Skills

**Programming Languages:** Python, Go, TypeScript

**Databases:** PostgreSQL, MySQL, MongoDB, Azure SQL

**Cloud:** AWS, Azure, Serverless Framework

**Tools & Frameworks:** React.js, Redux, Sagas, Angular, ASP.NET, WCF, Spring Boot

**DevOps Tools:** Infrastructure-as-Code, CI/CD, Monitoring

## Education

University of Texas at Dallas

Master of Science, Computer Science

Richardson, Texas

05/2024

Pandit Deendayal Energy University (PDEU, formerly PDPU)

Bachelor of Technology, Computer Engineering

Gandhinagar, India

05/2022

## Publications and Achievements

**Hackathons:** Hack 3.0 (Team Leader), Hackathon SSIP (Participant) (2018, 2022)

K. Mehta, "Deep Learning based Automatic Hindi Text Summarization," 2022 6th International Conference on Computing Methodologies and Communication (ICCMC), Erode, IN, 2022