

# NIRANJ PATEL

<https://www.linkedin.com/in/niranipatel/> | [Portfolio](#)

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Los Angeles, CA

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## Education

- M.S. Computer Science | California State University, San Bernardino Aug 2022 - May 2024
- B.E. Computer Engineering | Gujarat Technological University Aug 2017 - May 2021

## Work Experience

- MLOps Engineer at Vosyn AI, Chicago, Illinois** Nov 2024 – Present
- Architected efficient build and deployment systems for voice synthesis solutions.
  - Optimized ML preprocessing workflows, improving model accuracy by 15%.
  - Implemented advanced deployment metrics tracking for faster release cycles.
  - Documented technical strategies to standardize team ML operations.
- MLOps Engineer at Hoosier Community Network, Bloomington, IN** Aug 2024 – Present
- Deployed production ML models using AWS SageMaker with 99.9% uptime.
  - Developed comprehensive CI/CD pipelines with GitHub Actions.
  - Created containerized ML applications ensuring scalability and reproducibility.
  - Utilized MLflow for experiment tracking and model version management.
- Software Engineer at Infiniqe, India** June 2021 – Jul 2022
- Developed web applications with optimized database connections.
  - Implemented AJAX for improved web performance.
  - Reduced user-reported bugs by 20% through strategic code reviews.
- Software Developer Intern at Infiniqe, India** Aug 2020 – May 2021
- Participated in agile development methodologies.
  - Conducted code reviews and debugging.

## Technical Skills

- Programming Lang: Python, SQL, Bash
- ML Framework: Scikit-learn, Seaborn, PyTorch, TensorFlow, Pandas
- MLOps Tools: Docker, Kubernetes, MLFlow, DVC, Airflow
- Cloud Platforms: AWS (EC2, S3, SageMaker), Azure, GCP
- CI/CD: Jenkins, GitHub Actions, Git, GitHub
- Monitoring & Logging: Prometheus, Grafana
- Database: MySQL, MongoDB

## Academic Projects:

Gemstone Data End- to-End MLOps Pipeline (URL: [GitHub](#))

Technology: Python, MlFlow, Airflow, DVC, GitHub Actions, Aws S3, Docker

- Implemented automated ML pipeline using DVC and CI/CD.
- Deployed scalable models with Docker for seamless integration.
- Managed complete ML lifecycle with enhanced production efficiency.

Stock Market Price Prediction | Machine Learning and Natural Language Processing

Technology: Python, Keres, CNN, LSTM, Random Forest, TensorFlow, PyTorch, Scikit-learn

- Developed LSTM networks achieving 82% stock price prediction accuracy.
- Applied advanced ML techniques including SVM and neural networks.
- Generated high-precision predictive models for investment strategies.

## Certification:

- MLOps Certification | Ineuron| 2024
- Build 2024 Gen AI Bootcamp | Snowflake | 2024