# KANISHK SHUKLA

☎ +91 9412540125 / @ kanishkshukla211@gmail.com / 🔗LinkedIn / 🐙 GitHub / 📍Ghaziabad, India

## EDUCATION

**Vellore Institute of Technology Bhopal**                                                            Bhopal, India
*B.Tech. in Computer Science Engineering;* ***GPA: 8.80/10.00***                         *Sep 2022 – Jun 2026*

## EXPERIENCE

**Ailaysa Technologies Private Limited**                                                                      Remote
*GenAI Model Tester and Developer*                                        *February –April24, Part-Time*
- **Implemented Advanced ML Models**: Developed and deployed complex models—including transformer-based architectures and LSTM networks—to achieve 95% accuracy in multilingual AI tasks.
- **Optimized GenAI Systems**: Leveraged challenging generative AI frameworks such as GANs and sequence-to-sequence models, analyzing performance metrics to boost efficacy by 10%.
- **Streamlined Documentation & Debugging**: Documented development, testing, and optimization processes for these high-complexity models, reducing debugging time by 15% with clear, actionable reports.

**FINCRUX TECHNOLOGIES LLP**                                                                               Remote
*Investment Banking Analyst*                                                    March–June23, Part-Time
- **Conducted Comprehensive Market Analysis**: Analyzed 5 years of historical market data using time-series techniques such as ARIMA and Seasonal Decomposition (STL) to uncover key market trends.
- **Formulated Predictive Financial Models**: Implemented forecasting models, including Prophet and LSTM networks, which improved forecast accuracy by 25% for stock predictions.
- **Optimized Investment Strategies**: Applied Monte Carlo simulations to perform scenario analysis and risk quantification, delivering actionable insights for enhanced investment decision-making.

## PROJECTS

**Webloom**
- **Description**: Developed a full-stack **SaaS** app that builds websites using natural language input. Built with Next.js, React, TailwindCSS, and AI integration using Convex.
  - The project demonstrates proficiency in modern web development, AI integration, and deployment strategies—ideal for web developers and aspiring entrepreneurs.
- **Technology**: Next.js, React, TailwindCSS, Convex AI, Node.js, TypeScript, GraphQL, and Vercel for seamless deployment.

**Deep-Fake Detection System**
- **Description**: Built a Machine Learning model capable of detecting deepfakes and morphed faces in videos and images with 97% accuracy, reducing false positives by 12% compared to baseline models.
- **Technology**: Python, TensorFlow, Numpy
- **Results**: 97% model accuracy.

## Certifications & Achievements

- 1st Runner-up, **VIT Unplugged Hackathon** – Excelled in a 14-hour competitive hackathon.
- Winner, **'Evolve'** Competition – Awarded 1st place for Generative AI and ML model development.
- National Finalist(Top 11) **EY Techathon 5.0** (Ernst & Young) – selected amongst 1,50,000+ registrations.
- Top 50, **Tata Elxsi Teliport Season 2** – Selected among 17,000+ participants.
- Top 41 **TBO VoyageHack 2.0** – selected amongst 14,000+ entries.
- NPTEL Cloud Computing (Silver Medalist)
- Managed backend for a 300+ participant university hackathon.

## RESPONSIBILITIES

- Graphic Design Lead at Android Club
- Team Manager at GeeksforGeeks Chapter Vit Bhopal

## SKILLS

**Languages:** Java, Python, MATLAB, C/C++, JavaScript

**Technologies:** OpenCV, PyTorch, TensorFlow, Adobe XD, Figma, Docker, Kubernetes, CI/CD Pipelines, AWS/GCP

**Methodologies:** Data Structures, OOP, Functional Programming