

# D Sri Nikhil

✉ Dronasrinikhil@gmail.com | ☎ +91-9014189362

🔗 [GitHub](#) | [LinkedIn](#)

## Summary

Certified Full Stack Developer & AI Specialist with 2+ years experience building secure, scalable web solutions. Expertise in MERN stack development, REST API security (JWT/OAuth), and large language model integration. NVIDIA-certified AI developer with proven success in optimizing MongoDB performance (1M+ records) and implementing real-time analytics systems.

## Technical Skills

### Languages:

Python | Java | C

### Databases:

MongoDB | MySQL | Firebase | PostgreSQL

### DevOps:

Docker | CI/CD | Linux | AWS | JWT

### Frameworks:

React | Node.js | Flask | JavaScript | CSS | HTML

### AI/ML:

NLP | LLMs | Gemini API

### Tools:

Git | VS Code | MongoDB Atlas/Compass

## Professional Experience

### Artificial Intelligence & Full-Stack Developer | UptoSkills Jan 2025 – April 2025

- Architected real-time learning platform using MERN stack, reducing API response time by 40% through query optimization
- Implemented JWT authentication system securing 50k+ user accounts with role-based access control
- Integrated NLP modules using PyTorch for personalized learning recommendations (92% accuracy)

### Network Engineering Intern | India Internet Foundation Feb 2025 – Present

- Optimized DNS infrastructure handling 10k+ queries/second using Pub-Sub architecture

- Developed network monitoring dashboard with 98.5% uptime using React and Python analytics

## Key Projects

AI-Powered Quiz Generator

Mar 2025

- Automated quiz creation from PDFs using PyMuPDF and Gemini API (90% contextual accuracy)
- Reduced API latency by 35% through MongoDB indexing and query optimization
- Increased user engagement by 40% via React animations and progress tracking

Enhanced Student Feedback System

Jan 2025

- Streamlined feedback processing by 30% using Node.js middleware architecture
- Achieved 99.9% uptime through MongoDB Atlas cluster optimization

Solo Learn(Learning Platform)

May 2024

- Led development of an interactive learning platform utilizing the MERN stack
- Built AI-driven UI/UX platform with MongoDB, analytics, secure APIs.

## Education

B.Tech in Computer Science & Engineering  
K L University, Hyderabad | GPA: 8.97/10

2023 – 2027

## Certifications & Achievements

- NVIDIA Certified – Ansible Essentials and Introduction to Networking
  - AI & ML Certificate – Cultivating AI and Machine Learning Expertise Program
  - CodeChef 2x Diamond Badge Holder (Top 20%) & HackerRank Achiever and LeetCode (50+ problems solved)
  - UPTOSKILLS Project (Team Lead) – Led AI&ML and MERN Stack Team of 30 people
- 2024

2025

2024

2025