

# Sri Nikhil Dronadula

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## CAREER OBJECTIVE

Code isn't just my skill, it's my second language. MERN, AI/ML, Cloud? I'm in. With AWS & NVIDIA creds, I build, secure, and deploy real-world apps. Ready to learn fast, add value, and ship smart tech with purpose. Let's build brilliance together.

## WORK EXPERIENCE

**Networking Intern • Internship** Feb 2025 - Present  
IIFON, Virtual

- 1. Optimized DNS infrastructure handling 10k+ queries/second using Pub-Sub architecture
- 2. Developed network monitoring dashboard with 98.5% uptime using React and Python analytics

**AI And ML (Web Development) Intern • Internship** Jan 2025 - Apr 2025  
UptoSkills, Virtual

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

## EDUCATION

**B.Tech, Computer Science & Engineering** 2023 - 2027  
K L University

## PORTFOLIO

- [GitHub link ↗](#)
- [Leetcode link ↗](#)
- [Portfolio link ↗](#)

## PROJECTS

**[Enhanced Feedback Galaxy\(E-F-G\) ↗](#)**  
Jun 2025

- 1. Streamlined feedback processing by 30% using Node.js middleware architecture
- 2. Achieved 99.9% uptime through MongoDB Atlas cluster optimization
- 3. Highend usage of Tailwind and Best MERN Stack Project with Outstanding UI/UX

**[Solo Learn\(Learning Platform\) ↗](#)**  
Jan 2025 - Apr 2025

- 1. Led development of an interactive learning platform utilizing the MERN stack
- 2. Built AI-driven UI/UX platform with MongoDB, analytics, secure APIs.
- 3. Buld up a team of 30 interns and lead it through the project

**[AI-Powered Quiz Generator ↗](#)**  
Mar 2025

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

## SKILLS

- Artificial intelligence
- Natural Language Processing (NLP)
- Flask
- Python
- Web development
- REST API
- React
- PostgreSQL
- Cybersecurity
- MongoDB
- Java
- SQL

- Firebase
- Linear Algebra
- Ubuntu
- English Proficiency (Spoken)
- Cloud Computing
- Data Structures
- Statistics
- VS Code
- English Proficiency (Written)
- AWS CloudFormation
- Algorithms
- Machine Learning
- MS-Excel
- Amazon Web Services (AWS)

#### EXTRA CURRICULAR ACTIVITIES

- ◦ Black Belt Dan 1 in Taekwondo

#### ADDITIONAL DETAILS

- Super Coder Title, KL University (2023): Recognized for outstanding coding ability and innovative solution development across competitive programming challenges.
- CodeChef Coder: Ranked in the top 20% nationally with 2 Diamond and 2 Gold badges, demonstrating consistent excellence in algorithmic problem-solving.
- HackerRank Achiever: Achieved 3 stars in Java, C, and Problem Solving, reflecting broad language proficiency and structured thinking in competitive coding.
- Achieved AWS Cloud Practitioner Certification validating expertise in core cloud concepts, AWS services, billing, security, and cloud architecture. Demonstrated ability to design cost-effective, secure cloud solutions with real-world relevance.