GOLLA NIKHIL

6300542394 | nikhilyadavg36@gmail.com

 NikhilYadavCoder | </> LeetCode

Kurnool, Andhra Pradesh - 518002, India

SUMMARY

- Aspiring Backend Engineer and Software Developer with a strong foundation in Data Structures and Algorithms. Proven experience in designing, developing, and deploying robust applications, with a focus on scalable backend systems, REST APIs, and modern DevOps/MLOps practices. Seeking to leverage expertise to build high-performance, impactful solutions.

EDUCATION

- **Indian Institute Of Information Technology** *2022 - 2026*
  B.Tech in Computer Science Kottayam, India
  ◦ GPA: 8.68/10.00

- **Narayana Junior College** *2020 - 2022*
  Pre-University Education Kurnool, India
  ◦ Grade: 96.9%

- **Ravindra Vidya Niketan** *2020*
  Secondary Education Kurnool, India
  ◦ Grade: 97.67%

SKILLS

- **Programming:** C++, Python, Java, C
- **Web Stack:** Django, Flask, FastAPI, HTML, CSS, AJAX, Javascript
- **Databases:** MySQL, PostgreSQL
- **API Development Testing:** Postman, Django REST Framework
- **CS Fundamentals:** Data Structures & Algorithms, DBMS, OS, Object-Oriented Programming (OOPS),Computer Networks.
- **DevOps/MLOps:** AWS EC2, Docker, GitHub Actions, CI/CD, Model Versioning.
- **Machine Learning:** Regression, Classification, Clustering, Scikit-Learn, Pandas, NumPy, Matplotlib

PROJECTS

- **FoodOnline Multi-User Platform** *2025*

Tech Stack: Django, PostgreSQL, Python, AJAX, HTML, SMTP, Google Places API
  ◦ Designed and developed a multi-user backend system for a food ordering platform with distinct customer and vendor roles.
  ◦ Engineered a comprehensive user authentication system with **email verification for registration and login**, including role-based redirection and secure login functionalities.
  ◦ Implemented core e-commerce features such as a dynamic menu builder (CRUD) and an interactive shopping cart.
  ◦ Integrated **Google Autocomplete fields** for seamless address input during user registration and checkout.
  ◦ Leveraged **Django Signals** to automate tasks such as sending confirmation emails and maintaining data consistency across models.
  ◦ Currently developing the checkout workflow with payment gateway integration (Razorpay, PayPal) and order number generation.

- **ML-based Phishing Website Detection System**   *2025*
  Python, FastAPI, Scikit-learn, AWS EC2, GitHub Actions, MLOps
  ◦ Built a phishing website detection system with Python, Scikit-learn, and achieved high accuracy in real-time classification.
  ◦ Implemented complete MLOps workflows model versioning, automated training pipeline, artifact storage for reproducible deployments.
  ◦ Developed and containerized a FastAPI-based REST API, integrated **CI/CD pipelines with GitHub Actions**, and deployed on AWS EC2 with Docker and Uvicorn for scalable production-ready serving.

ACHIEVEMENTS

◦ Secured a **maximum rating of 1622**, ranking in the **top 20.33% globally on Leetcode**, and solved **750+ coding problems** across platforms (LeetCode, Coding Ninjas, GeeksforGeeks), showcasing expertise in **Data Structures and Algorithms**.

ADDITIONAL INFORMATION

Languages: English, Hindi, Telugu
Core Interest: Backend Development (Django, REST APIs, PostgreSQL)
Other Interests: AI, Machine Learning, Deep Learning