SHASHANK KUMAR NAMDEO

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Bhopal, India

PROFILE SUMMARY

Aspiring Python Developer with hands-on experience in Django, Flask, and REST API development. Proficient in integrating Machine Learning models and building scalable web applications. Demonstrated expertise in full-stack development using HTML, CSS, and Python, with a strong background in deploying cloud-native solutions on AWS and managing database-driven workflows.

SKILLS & COMPETENCIES

- **core development -** Python, Django, Flask, REST API, HTML, CSS
- **machine learning ai -** Machine Learning, Generative AI (Gemini), Data Analysis, Algorithmic Logic, Predictive Modeling
- **backend cloud -** PostgreSQL, AWS (EC2, S3, RDS), Scalable Architecture, API Integration, Authentication Workflows
- **tools practices -** Git, GitHub, Linux, Unit Testing, Code Reviews, Agile Methodologies

EXPERIENCE

Software Engineer – Project Experience | Independent & Academic Projects | Bhopal, India | During B.Tech (2022 – Present)

HireIQ – AI-Driven Job Application Automation Platform

Python, Django, Machine Learning, REST API, PostgreSQL, HTML/CSS

- Developed a full-stack web application using Django and Python to automate job discovery and analysis.
- Implemented Machine Learning algorithms for JD scoring and resume matching, improving application relevance.
- Created secure REST APIs to handle multi-worker architecture and seamless data flow between services.
- Designed responsive front-end components using HTML and CSS for the application dashboard.

IntelliTrade – Automated Trading & Analytics System

Python, Flask, Machine Learning, REST API, AWS, Data Analysis

- Built an algorithmic trading platform utilizing Flask and Python for low-latency backend operations.
- Applied Machine Learning techniques to process real-time market data and execute automated trade strategies.
- Engineered RESTful backend services for real-time market data ingestion and secure trade logging.
- Collaborated on code quality through modular design and rigorous error handling protocols.

NeuroLearn – AI-Based Personalized Learning Platform

Python, Django, Machine Learning, REST API, PostgreSQL, AWS

- Architected an EdTech platform using Django, leveraging Machine Learning to personalize study plans based on user performance.
- Designed and maintained REST APIs for seamless communication between the mobile interface and the cloud backend.
- Optimized PostgreSQL database queries to ensure scalable and efficient content delivery.
- Deployed the integrated system on AWS, ensuring high availability and fault tolerance.

EDUCATION

Bachelor of Technology – Artificial Intelligence & Machine Learning

LNCT Group of Colleges, Bhopal | 2022 – 2026

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – Amazon Web Services
- **Wipro TalentNext – .NET Full Stack Developer** – Wipro Limited