SHASHANK KUMAR NAMDEO

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Bhopal, India

PROFILE SUMMARY

Entry-level Software Engineer and AI/ML undergraduate skilled in Python, Django, and AWS, with experience building scalable backend systems, REST APIs, and cloud-native applications. Strong foundation in data processing, automation, and analytics, aligned with IT consulting, cloud technologies, and enterprise solutions. Passionate about delivering reliable software for global clients.

SKILLS & COMPETENCIES

- **Development -** Python, Django, RESTful APIs, API Integration, Backend Architecture, Automation, Selenium, Microservices
- **Cloud Devops -** AWS EC2, AWS RDS, AWS S3, AWS IAM, AWS Elastic Beanstalk, AWS CloudWatch, Docker, Cloud Deployment, Scalable Systems
- **Databases -** PostgreSQL, MongoDB, SQL, Data Modeling, Query Optimization
- **Ai Ml Analytics -** AI/ML Concepts, Generative AI, Data Analysis, Predictive Analytics, Algorithmic Logic
- **Tools Practices -** Git, GitHub, Linux, Logging, Error Handling, Unit Testing, CI/CD Basics, Fault Tolerance, 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, Selenium, Generative AI, PostgreSQL, AWS RDS, AWS Elastic Beanstalk

- Built an end-to-end automation pipeline for job discovery, analysis, and application, reducing manual effort by 70–80% and improving operational efficiency.
- Implemented a scalable multi-worker architecture for scraping, resume matching, and workflow automation aligned with enterprise staffing processes.
- Designed secure RESTful APIs with authentication, authorization, logging, retries, and fault-tolerant database workflows for reliable operations.
- Deployed on AWS with PostgreSQL-backed persistence, enabling scalable, restart-safe processing suitable for high-volume recruitment environments.

IntelliTrade – Automated Trading & Analytics System

Python, Django, AI/ML, Data Analysis, Market Data APIs, AWS

- Developed an AI-powered analytics platform processing multi-asset market data, demonstrating strong data engineering and predictive analytics capabilities.
- Integrated external APIs for automated data ingestion and execution workflows, reflecting real-time processing and enterprise integration skills.
- Built RESTful backend services to handle live data streams, strategy execution, logging, and performance reporting.
- Deployed on AWS to ensure scalability, reliability, and secure data storage aligned with enterprise cloud practices.

NeuroLearn – AI-Based Personalized Learning Platform

Generative AI, Django, React Native, AWS, PostgreSQL

- Architected an AI-driven platform delivering personalized study plans using learner goals, pace, and performance data for adaptive learning experiences.
- Applied AI/ML techniques to enable predictive recommendations and improve engagement, aligning with analytics and reporting competencies.
- Built a scalable Django and PostgreSQL backend deployed on AWS with validation, API security, and database optimization.

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