SHASHANK KUMAR NAMDEO

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Bhopal, India

PROFILE SUMMARY

AI/ML undergraduate and aspiring Software Engineer with strong foundations in Python, data structures, algorithms, and software development practices. Experienced in building scalable SaaS-style backend systems, REST APIs, and cloud-deployed applications using Django, PostgreSQL, and AWS. Passionate about AI-driven platforms, problem-solving, debugging, and collaborating in fast-paced product teams.

SKILLS & COMPETENCIES

- **Programming -** Python, JavaScript, SQL
- **Web Development -** Django, RESTful APIs, API Integration, HTML, CSS, Backend Architecture
- **Cloud & DevOps -** AWS EC2, AWS RDS, AWS S3, AWS IAM, AWS Elastic Beanstalk, Docker, Cloud Deployment
- **Databases -** PostgreSQL, MongoDB, Data Modeling, Query Optimization
- **AI & Analytics -** AI/ML Concepts, Generative AI, Data Analysis, Algorithmic Thinking
- **Software Engineering -** Data Structures, Algorithms, Debugging, Unit Testing, Logging, Version Control (Git), Agile Practices, Problem Solving

EXPERIENCE

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

HireIQ – AI-Driven Job Application Automation Platform

Python, Django, REST APIs, PostgreSQL, AWS, Selenium, Generative AI

- Designed and developed a scalable SaaS-style automation platform using Django and REST APIs.
- Implemented resume–JD analysis using AI models and algorithmic scoring techniques.
- Built secure API layers with authentication, logging, retries, and structured error handling.
- Deployed on AWS with PostgreSQL ensuring reliability, persistence, and production stability.

IntelliTrade – Automated Trading & Analytics System

Python, Django, REST APIs, Data Analysis, AWS, PostgreSQL

- Developed backend services for real-time data processing and automated decision workflows.
- Integrated third-party APIs for live data ingestion and secure transaction handling.
- Applied data structures and algorithmic logic for strategy execution and performance tracking.
- Ensured scalable cloud deployment and optimized database queries for low-latency operations.

NeuroLearn – AI-Based Personalized Learning Platform

Python, Django, PostgreSQL, AWS, Generative AI

- Architected an AI-driven learning platform delivering adaptive study plans based on user data.
- Designed RESTful APIs and backend validation mechanisms for secure SaaS workflows.
- Optimized database schemas and queries to enhance performance and scalability.
- Collaborated on feature enhancements and iterative improvements following agile practices.

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