SHASHANK KUMAR NAMDEO

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Bhopal, India

PROFILE SUMMARY

Entry-level Software Engineer and AI/ML undergraduate with hands-on experience in Python, Django, AWS, and Docker. Skilled in building scalable backend systems, RESTful APIs, and cloud-native applications with DevOps practices including CI/CD, monitoring, and automation. Experienced in PostgreSQL, cloud deployment, logging, and fault-tolerant architectures aligned with cloud-native and DevSecOps principles.

SKILLS & COMPETENCIES

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

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, Docker

- Built an end-to-end automation pipeline for job discovery, analysis, and application, reducing manual effort by 70–80%.
- Implemented a multi-worker architecture with fault-tolerant workflows, logging, retries, and monitoring for reliable automation.
- Designed secure RESTful APIs with authentication, authorization, and database-driven processing aligned with DevSecOps practices.
- Deployed on AWS with containerized services and PostgreSQL-backed persistence, enabling scalable and restart-safe operations.

IntelliTrade – Automated Trading & Analytics System

Python, Django, AI/ML, Data Analysis, Kotak Securities API, Zerodha API, AWS, Docker

- Developed an AI-powered algorithmic trading platform supporting multi-asset trading including equities and derivatives.
- Integrated external APIs for automated trade execution and real-time market data ingestion with secure API handling.
- Built scalable backend services to process live data streams, strategy execution, logging, and performance monitoring.
- Deployed on AWS with containerization and monitoring to support low-latency, secure, and scalable trade operations.

NeuroLearn – AI-Based Personalized Learning Platform

Generative AI, Django, React Native, AWS, PostgreSQL, Docker

- Architected an AI-driven learning platform delivering personalized study plans using learner goals, pace, and performance data.
- Applied AI/ML to dynamically adapt learning paths, improving learning efficiency, engagement, and content relevance.
- Built a scalable Django and PostgreSQL backend with validation, API security, and optimized database workflows.
- Designed RESTful APIs and a React Native app for seamless cross-platform access with secure and reliable cloud deployment.

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