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 Prompt Engineering for AI-driven applications. Skilled in building scalable backend systems, REST APIs, automation pipelines, and cloud-native solutions for EdTech, FinTech, and AI/ML projects. Experienced with PostgreSQL, REST API design, authentication workflows, and deploying production systems on AWS. Familiar with .NET development and AI integration for application automation.

SKILLS & COMPETENCIES

- **Development -** Python, Django, RESTful APIs, API Integration, Backend Architecture, Automation, Selenium, React Native, .NET, Angular
- **Cloud DevOps -** AWS EC2, AWS RDS, AWS S3, AWS IAM, AWS Elastic Beanstalk, AWS CloudWatch, Docker, Cloud Deployment, Environment Configuration, Scalable Systems
- **Databases -** PostgreSQL, MongoDB, SQL, Data Modeling, Query Optimization
- **AI ML Analytics -** AI/ML Concepts, Generative AI (Gemini), Prompt Engineering, AI-driven automation, Data Analysis, 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 (Gemini), Prompt Engineering, PostgreSQL, AWS RDS, AWS Elastic Beanstalk, .NET

- Built an end-to-end job automation pipeline for discovery, analysis, and application, reducing manual effort by 70–80%.
- Implemented a Python–Django multi-worker architecture for scraping, resume matching, and apply-flow detection with Generative AI using Prompt Engineering techniques for JD scoring.
- Designed secure RESTful APIs with authentication, authorization, logging, retries, and fault-tolerant, database-driven workflows.
- Deployed on AWS with PostgreSQL-backed persistence, enabling scalable, restart-safe processing and operational stability.

IntelliTrade – Automated Trading & Analytics System

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

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

NeuroLearn – AI-Based Personalized Learning Platform

Generative AI (Gemini), Django, React Native, Prompt Engineering, AWS, PostgreSQL, Angular

- Architected an AI-driven learning platform delivering personalized study plans using learner goals, pace, and performance data.
- Applied prompt engineering with generative AI to dynamically adapt learning paths, improving learning efficiency, content relevance, and engagement.
- Built a scalable Django and PostgreSQL backend deployed on AWS with validation, API security, and database optimization.
- Designed RESTful APIs with authentication, authorization, logging, retries, and a React Native app for seamless access.

EDUCATION

Bachelor of Technology – Artificial Intelligence & Machine Learning

LNCT Group of Colleges, Bhopal | 2022 – 2026

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – Amazon Web Services
- **Prompt Engineering Knowledge Universe** — Tayana Academy

- **Wipro TalentNext – .NET Full Stack Developer** – Wipro Limited